1900

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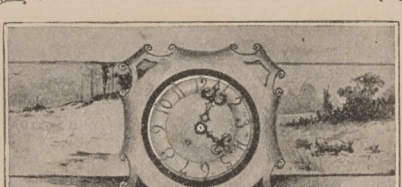
THE EXCELSIOR DIARY

1900



CALENDAR FOR 1900.

1900.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
JAN'Y.	..	1	2	3	4	5	6
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	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
FEB'Y.	..	..	..	..	1	2	3
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MARCH.	..	..	..	..	1	2	3
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APRIL.	..	..	..	..	..	..	..
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MAY.	..	..	1	2	3	4	5
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JUNE.	..	..	..	..	..	1	2
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1900.	SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
JULY.	1	2	3	4	5	6	7
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AUGUST.	..	..	..	1	2	3	4
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SEPT'R.	..	..	..	..	..	..	1
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	23	24	25	26	27	28	29
	30	..	..	..	..	..	..
OCT'R.	..	1	2	3	4	5	6
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NOV'R.	..	..	..	..	1	2	3
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	11	12	13	14	15	16	17
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DEC'R.	..	..	..	..	..	..	1
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	23	24	25	26	27	28	29
	30	31	..	..	..	..	..

Routes of Travel

Modes of Conveyance, Distances and Rates of Fare from San Francisco.

ABBREVIATIONS.

*—Southern Pacific Company, foot of Market Street.
X—Southern Pacific Co. (Coast Division), Third and Townsend Streets.
*N. G.—Southern Pacific Company, Narrow Gauge, foot of Market Street.
C. & C.—Carson & Colorado Railroad.
C. & L.—Colusa & Lake Railroad.
C. & N.—California & Nevada Railroad.
E. & E.—Eel River & Eureka Railroad.
E. & P.—Eureka & Palisade Railroad.
L. A. T. R.—Los Angeles Terminal Railroad.
m.—Miles.
N. C.—Nevada County Narrow Gauge Railroad.
N. P.—Northern Pacific Railroad.
N. P. C.—Northern Pacific Coast Railroad.
O. P.—Oregon Pacific Railroad.
O. C. & E.—Oregon Central and Eastern Railroad.
O. R. N.—Oregon Railway and Navigation Co.
P C.—Pacific Coast Steamship Co.
P. C. Ry.—Pacific Coast Railway.
p.—Population. Where no figures are given population is under 50.
R. G. W.—Rio Grande Western Railroad.
S. C.—Southern California Railroad.
S. F. & N. P.—San Francisco & North Pacific Railroad.
U. P.—Union Pacific Railway & Branches.
V. & T.—Virginia & Truckee Railroad.

Routes of Travel

ÆTNA HOT SPRINGS, Napa Co., Cal.—* to St. Helena, 64 m., stage, 16 m., fare, $4.05.

ALAMEDA, Alameda Co., Cal., p. 11,165.—* 9 m., or * N. G., 10 m., fare, 10 cents.

ALBANY, Linn Co., Oregon, p. 7,000.—* 692 m., fare, $24.85, $20 and $15, or P. C. to Portland, 730 m., fare, $15 and $7.50, * 79 m., fare, $3.25, or P. C. to Yaquina, 450 m., fare, $10 and $7, O. C. & E., 83 m., fare, $3.35.

ASHLAND, Jackson Co., Oregon, p. 2,600.—* 430 m., fare, $14.35.

ASTORIA, Clatsop Co., Oregon, p. 7,071.—P. C., 632 m., fare, cabin, $15; steerage, $7.50, or * to Portland and Steamer.

BIG TREES, Calaveras Co., Cal.—* to Milton, 121 m., stage via Murphys, 49 m., round trip, $18, or * to Valley Springs, stage, 49 m., round trip, $21.10.

BIG TREES, Mariposa Co., Cal.—* to Raymond, 199 m., stage, 40 m., or via Milton, fare, $12.

BIG TREES, Santa Cruz Co., Cal., p. 250.—* N. G., 74 m., fare, $2.55. Sunday excursion, $3, Saturday to Monday, $5.

BODIE, Mono Co., Cal., p. 600.—* to Reno, 244 m., V. & T. and C. & C. to Hawthorne, 141 m., stage, 38 m., fare, $25.30.

BOISE CITY, Ada Co., Idaho, p. 3,000.—P. C. to Portland, 730 m., O. R. N. & U. P., 506 m., fare, $36.15 and $28.65, or via Ogden.

CALISTOGA, Napa Co., Cal., p. 1,400.—* 73 m., fare, $2.30, excursion Friday to Tuesday, $3.50.

CARSON, Ormsby Co., Nevada, p. 4,227.—* to Reno, 244 m., V. & T., 31 m., fare, $12.05.

CHICO, Butte Co., Cal., p. 5,500.—* 186 m., fare, $5.90 and $5.40.

CLOVERDALE, Sonoma Co., Cal., p. 1,500.—S. F. & N. P., 85 m., fare, $3. Saturday to Monday, $4.50; excursion Sunday, $3.

COLFAX, Placer Co., Cal., p. 670.—* 144 m., fare, $5.05 and $4.55.

COLUSA, Colusa Co., Cal., p. 2,500.—* to Colusa Junction, 130 m., C. & L., 10 m., fare, $5.20 and $4.75.

Routes of Travel

CORVALLIS, Benton Co., Oregon, p. 2,000.—* to Portland, 746 m., fare, $25, or P. C. to Portland, 730 m., fare, $15 and $7.50, * 97 m., fare, $3.85, or P. C. to Yaquina Bay, 450 m., fare, $10 and $7; O. C. & E., 72 m., fare, $2.90.

DALLES, Wasco Co., Oregon, p. 5,000.—* to Portland, 746 m., fare, $25, or P. C. to Portland, 730 m., fare, $15 and $7.50; O. R. N., 88 m., fare, $3.44, or Steamer, 110 m., fare, $3.30.

DAYTON, Yamhill Co., Oregon, p. 368.—P. C. to Portland, 730 m., fare, $15 and $7.50, * 32 m., fare, $1.15, or * to Portland, or via Yaquina.

DIXON, Salano Co., Cal., p. 1,430.—* 68 m., fare, $2.45, $2.10 and $1.50.

DUNCAN MILLS, Sonoma Co., Cal., p. 300.—N. P. C., 79 m., fare, $2.25; round trip, $3.40.

EAST OAKLAND, Alameda Co., Cal., p. 9,500.—* 9 m., fare, 10 cents.

EUGENE CITY, Lane Co., Oregon, p. 5,000.—*623 m., fare, $23.10, or via Yaquina Bay.

EUREKA, Humboldt Co., Cal., p. 5,000.—S. F. & N. P. to Ukiah, 113 m., stage to Burnells, 155 m., E. & E., 23 m., fare, $15, or P. C., 232 m., fare, $10, $7.50 and $5.

EUREKA, Eureka Co., Nevada, p. 4,207.—* to Palisade, 525 m., E. & P., 90 m., fare, $32.10.

FOREST GROVE, Washington Co., Oregon, p. 1,000.—P. C. to Portland, 730 m., fare, $15 and $7.50, * 26 m., fare, $1.05, or via Yaquina.

FRESNO, Fresno Co., Cal., p. 10,818.—* 207 m., fare, $5.90; limited, $3.75, or Steamer to Stockton, 127 m. Valley R. R., 125 m., fare, $3.75.

GEYSER SPRINGS, Sonoma Co., Cal.—* to Calistoga, 73 m., stage, 26 m., or S. F. & N. P. to Cloverdale, 84 m., stage, 16 m., fare, round trip, $8.50; fare, round trip, going one route and returning the other, $12.50.

GILROY, Santa Clara Co., Cal., p. 2,537.—X, 80 m., fare, $2.20; excursion Sunday, $2.75; Saturday to Monday, $3.50.

GILROY HOT SPRINGS, Santa Clara Co., Cal.—X to Gilroy, 80 m., stage, 14 m., fare, $3.70; round trip, $7.40.

Routes of Travel

GOSHEN JUNCTION. Tulare Co., Cal.—* 241 m., fare, $6.90; Limited, $4.65.

GRASS VALLEY. Nevada Co., Cal., p. 9,000.—* to Colfax 144 m., N. C., 17 m., fare, $6.

HEALDSBURG, Sonoma Co., Cal., p. 2,427.—S. F. & N. P., 66 m., $2.25; Saturday to Monday, $3 40; Sunday excursion, $2.25.

IDAHO CITY, Boise Co., Idaho, p. 8 000.—P. C. to Portland 730 m., O. R. N. and U. P. to Boise City, 506 m. fare, $36.15 and $28.85; stage, 36 m., fare, $5.

INDEPENDENCE, Polk Co., Oregon, p. 1,100.—P. C to Portland, 730 m., fare, $15 and $7.50; * 76 m., fare, $3.05.

JUNCTION CITY (Lancaster), Lane Co., Oregon, p. 800.—* 662 m., fare, $23.60, $20 and $16.50; Rebate draft tickets, $14.45 and $9.45.

LA GRANDE, Union Co., Oregon, p. 4,000.—* to Portland, 746 m., fare, $25; O. R. N., 305 m., fare, $12.20, or P. C. to Portland, 730 m., fare, $15 and $7.50.

LAKE TAHOE (bounded by Placer and El Dorado counties, Cal., and Washoe, Ormsby and Douglas counties, Nev.), Cal.—* to Truckee, 209 m., fare, $8.30; stage, 14 m., fare, $2, round trip, $16, or via Reno, Nev., round trip, $20.

LEWISTON, Nez Perce Co., Idaho, p. 2,500.—P. C. to Portland, 730 m., O. R. N. to Riparia, 301 m. fare, $27.95 and $20.45; Steamer, 77 m., fare, $3.25.

LOS ANGELES, Los Angeles Co., Cal., p. 103 079.—* 482 m., fare, $15, $13 and $12, or P. C. to San Pedro, and L. A. T. R., 416 m., fare, $12.50 and $9. P. C. to Redondo, S. C., 23 m.; fare, $12.50 and $9, or P. C. to Port Los Angeles, 372 m., * 20 m., fare, $12.50 and $9.

MARYSVILLE, Yuba Co., Cal., p. 6,000.—* 125 m., fare, $4.60, $4.10 and $3.75.

MENLO PARK, San Mateo Co., Cal., p. 400.—X, 32 m., fare, $0.95; Sunday excursion, $1.25; Saturday to Monday, $1.50; Theatre train, $1.

MONTEREY, Monterey Co., Cal., p. 2,005.—X, 125 m., fare, $3; Sunday excursion, $3., Saturday to Monday, $4, or P. C. direct, fare, $3 and $2.50; round trip, $5.

Routes of Travel

NAPA, Napa Co., Cal., p. 5,000.—* 46 m., fare, $1.50, Excursion, $2.50, or by river steamer.

NEVADA, Nevada Co., Cal., p. 5,000.—* to Colfax, 144 m., fare, $5.05; N. C., 22 m., fare, $2.25.

OAKLAND, Alameda Co., Cal. p. 48,682.—* 8 m., fare, 10 cents, or * N. G., fare, 10 cents, or Creek Route, fare, 5 cents.

OLYMPIA, Thurston Co., Washington, p. 4,716.—P. C. to Tacoma, 850 m., fare, $15 and $7.50; N. P., 34 m., fare, $1.70, or via Portland.

PASO ROBLES, San Luis Obispo Co., Cal., p. 829.—X, 216 m., fare, $6.20.

PASADENA, Los Angeles Co., Cal., p. 12,000.—* to Los Angeles and L. A. T. R., 492 m., fare, $15.25, $13.25 and $12.25, or * 493 m., fare, $15.25, $13.25 and $12.25.

PENDLETON, Umatilla Co., Oregon, p. 2,506.—* to Portland, 746 m., fare, $25; O. R. N., 231 m., fare, $9.22, or P. C. to Portland.

PESCADERO, San Mateo Co., Cal., p. 984.—X to San Mateo, 21 m., stage daily except Sunday, 32 m., fare, $2.10, or X to Redwood, 29 m., stage daily except Sunday, 34 m., fare, $2.60; round trip, $4.70, or X to Santa Cruz, fare, $2.80, stage, 36 m., fare, $2.50.

PETALUMA, Sonoma Co., Cal., p. 5,000.—S. F. & N. P., 36 m., fare, $1; excursion Sunday, $1; Saturday to Monday, $1.50.

PORTLAND, Multnomah Co., Oregon, p. 75,000.—* 771 m., fare, $25, $20 and $15, time, 37 hours, or P. C., 730 m., fare, $12 and $6, time, 60 hours.

PORT TOWNSEND, Jefferson Co., Wash., p. 4,558.—P. C., 785 m., fare, $15 and $7.50; round trip, $25, or P. C. to Portland, 730 m., fare, $15 and $7.50; N. P. to Tacoma, 145 m., fare, $6.25; Steamer, 92 m., fare, $2.50.

REDLANDS, San Bernardino Co., Cal., p. 4,500.—* 548 m., fare, $17.05, $15.05 and $14.05, or P. C. to Redondo and S. C., 88 m., fare, $14.40 and $10.55.

RENO, Washoe Co., Nevada, p. 6,000.—* 244 m., fare, $10.05.

RIVERSIDE, Riverside Co., Cal., p. 8,000.—* to Colton and S. C., 546 m., fare, $16.75, $14.75 and $13.75, or P. C. to Redondo and S. C., fare, $13.75 and $10.25.

Routes of Travel

ROSEBURG, Douglas Co., Oregon, p. 2,406.—* 574 m., fare, $20.10 and $15.

SACRAMENTO, Sacramento Co., Cal., p. 30 000.—* via Benicia, 90 m. (via Niles, 140 m.), fare, $3.30; limited, $2.50; second class, $1.50, on 4 P. M. train only, or Steamer, 120 m., fare, $1.50.

SALEM, Marion Co., Oregon, p. 12,000.—* 694 m., fare, $25, $20 and $16.50, or P. C. to Portland, 730 m., fare, $15 and $7.50; * 52 m., fare, $2.15, or Steamer, 70 m., or P. C. to Yaquina.

SALINAS, Monterey Co. Cal., p. 4,000.—X, 118 m., fare, $3 25, or P. C. to Moss Landing.

SALT LAKE CITY, Salt Lake Co., Utah, p. 44 843.—* to Ogden, 833 m., R. G. W., 36 m., or U. P., 37 m., fare, $36.50 and $26.50.

SANTA ROSA, Sonoma Co., Cal., p. 8,000.—S. F. & N. P., 51 m., fare, $1.50, round trip, Saturday to Monday $2.25, excursion Sunday, $1.50, or * 75 m., fare, $2.25 and $1.50.

SAN BERNARDINO, San Bernardino Co., Cal., p. 8,000.—* 546 m., fare, $16.75, $14.75 and $13 75, or P. C. to Redondo and S. C., fare, $14.10 and $10.60.

SAN DIEGO, San Diego Co., Cal., p. 20,000.—* to Los Angeles, 482 m., S. C., 126 m., fare, $20, $18 and $17, or P. C., 482 m., fare, $15 and $10; round trip, $25.

SAN JOSE, Santa Clara Co., Cal., p. 24 000.—* N. G., or * 48 m., or X, 50 m., fare, $1.25; excursion Sundays, $1.75; Saturday to Monday, $2. Theatre train, $1.75.

SAN RAFAEL, Marin Co., Cal., p. 4,000.—N. P. C., 18 m., or S. F. & N. P., 18 m., fare, 35 cents; round trip, 50 cents.

SAN LUIS OBISPO, San Luis Obispo Co., Cal., p. 4,000.—X, 253 m., fare, $7.65 or P. C. to Port Harford, 201 m., P. C. Ry., 10 m., fare, $6.50 and $5; round trip, $11.90.

SANTA MONICO, Los Angeles Co., Cal., p. 3,000.—* 502 m., fare, $15.35, $13.35 and $12.35, or P. C. to Port Los Angeles, fare, $12 and $8.50, S. P., 3 m., fare, 10 cents.

SAN MATEO, San Mateo Co., Cal., p. 1,500.—X, 21 m., fare, 60 cents; excursion Sundays, 75 cents; Saturday to Monday, $1. Theatre train, 75 cents.

Routes of Travel

SANTA BARBARA, Santa Barbara Co., Cal., p. 7,000. —P. C., 288 m., fare, $10 and $7.50, round trip, $18, or * 529 m., fare, $15, $13 and $12. Distance by stage to Los Olivos, 45 m., fare, $3.50.

SANTA CLARA, Santa Clara Co., Cal., p. 2,891.—X, 47m., fare, $1.25 excursion Sunday, $1.75, Saturday to Monday, $2., Theatre train, $1.75, or * N. G., 44 m., fare, $1.25, excursion Sunday, $1.75.

SANTA CRUZ, Santa Cruz Co., Cal., p. 7 500.— * N. G., 81 m., or X, 121 m., fare, $2.80, excursion Sunday, $3. Friday to Tuesday, $4.50, or P. C., direct, 70 m., fare, $2.50 and $2; round trip, $4.

SEATTLE, King Co., Wash., p. 45,953.—P. C., 827 m., fare, $15 and $7.50, round trip, $25, or P. C. to Portland, 730 m., fare, $15 and $7.50, or * to Portland, 746 m., fare, $25, $20 and $16.50; N. P., 183 m., fare, $7.25.

SIERRA MADRE, Los Angeles Co., Cal.—* to San Gabriel, 491 m., stage, 4 m., fare, $15.70, $13.70 and $12.70.

SODA SPRINGS, Placer Co., Cal.—* 192 m., fare, $7.45 and $6.95.

SPOKANE, Spokane Co., Wash., p. 19,922.—P. C. to Tacoma, 850 m., fare, $15 and $7.50; N. P., 398 m., fare, $16.65, or via Portland.

STOCKTON, San Joaquin Co., Cal., p. 20,000.—* 92 m., fare, $2.50 and $1.50, or Steamer, 127m., fare, 25 cents.

ST. HELENA, Napa Co., Cal., p. 2,123.—* 64 m., fare, $2.05, Saturday to Tuesday excursion, $3.00.

TACOMA, Pierce Co., Wash., p. 36,006.—P. C., 850 m., fare, $15 and $7.50, round trip, $25, or P. C to Portland, 730 m., fare, $15 and $7.50, or * to Portland, 746 m., fare, $25, $20 and $16.50; N. P., 145 m., fare, $6.25.

TAHOE CITY (Lake Tahoe), Placer Co., Cal., p. 200 — * to Truckee, 209 m., stage, 14 m., fare, $10.35; round trip, $13.50; return via Carson and Reno, fare, $17.50.

TAMALPAIS, Marin Co., Cal.—N. P. C., 14 m., fare, 35 cents; round trip, 50 cents.

UMATILLA JUNCTION, Umatilla Co., Oregon, p. 319. —* to Portland, 746 m., O. R. N, 186 m., fare, $32.46, or P. C. to Portland.

Routes of Travel

VACAVILLE, Solano Co., Cal., p. 1,000.—* 65 m., fare, $2.30 and $2.05.

VANCOUVER, Clark Co., Wash., p. 3,545.—P. C. to Portland, 730 m., fare, $15 and $7.50; Steamer, 18 m., fare, 25 cents.

VALLEJO, Solano Co., Cal., p. 6,343.—* to Vallejo Junction, 29 m., ferryboat, 2 m., fare, $1, excursion Sunday, $1, Friday to Tuesday, $1.50.

VICTORIA (Victoria District), British Colony, p. 20,500.—P. C., 750 m., fare, $15 and $7.50, round trip, $25, or round trip, returning via Portland, Oregon, $39.

VIRGINIA CITY, Storey Co., Nevada, p. 10,917.—* to Reno, 244 m., V. & T., 52 m., fare, $12.05.

WALLA WALLA, Walla Walla Co., Wash., p. 8,000.—P. C. to Portland, 730 m., fare, $15 and $7.50; O. R. N., 245 m., fare, $9.16.

WALNUT CREEK, Contra Costa Co., Cal., p. 400.—* via Avon, 49 m., fare, $1.50, or * to Emerys, C. & N. to Bryant, 31 m., stage, 7 m.

WHITE SULPHUR SPRINGS, Napa Co., Cal.—* to St. Helena, 64 m., fare, $2.05; stage, 2 m., fare, 25 cents.

YALE (Yale District), British Colony, p. 1,300.—P. C. to Victoria, fare, $15 and $7.50, Steamer, and C. P., 938 m., fare, $8.10.

YOSEMITE, Mariposo Co., Cal., p. 200.—* to Raymond, 199 m., stage, via Wawona, 68 m., fare, $32; round trip, $38, or * to Milton, 133 m., stage, 90 m., round trip, $25, or via Calaveras Big Trees, stage, 150 m., round trip, $32.50, or via Jamestown and stage, 60 m.

Theatre Guide

Pleasure Resorts and Places of Interest, General Information for Strangers, etc., in and about San Francisco.

Columbia Theatre—Powell and Market Streets.

Chutes (The)—Haight Street, between Clayton and Cole.

New California Theatre—Bush Street, above Kearney.

New Comedy Theatre—Bush Street, above Montgomery.

The Alcazar Theatre—O'Farrell Street, between Stockton and Powell.

Morosco's Grand Opera House—Mission Street, near Third.

Orpheum Opera House—O'Farrell Street, between Stockton and Powell. Variety and Specialty.

Park Theatre—Grove Street, between Van Ness and Polk.

Chinese Theatre—Grand Chinese Theatre, 814 Washington Street, between Dupont and Stockton Streets. Performances every evening by full Chinese Company. Admission, 50 cents. Private Boxes, $3.

Chinatown—District west of Kearney and North California Streets. Population, about 30 000. Can be safely visited by ladies, with escort, in daytime, but for a night visit to Joss Houses, Opium Joints, Gambling Dens, etc., a guide is necessary.

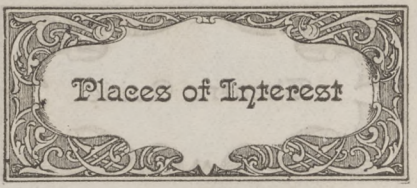
Tivoli Opera House—Eddy Street, near Baldwin Hotel. Grand Operatic Performance every evening. Grand Orchestra and Chorus. Admission, 25 cents. Extra to reserve.

Ingleside Track—Admission, $1.00. Take Southern Pacific trains at Fourth and Townsend Streets Depot, leaving at 1.15 P. M.; or take Mission Street Electric Line direct to track.

Glen Park (The Mission Zoo)—Take San Mateo Electric, Valencia, Mission, and Sutter Street cars.

Telegraph Hill—Take Montgomery and North Beach Street cars to base of hill. Elevation, 294 feet. Fine view of the City, the Bay, the Golden Gate, the shipping and surrounding country.

San Francisco Board of Trade—Union Block, 202 Market Street.



Golden Gate Park—Contains over 1,000 acres; extends from Baker Street to the Pacific Ocean, 3½ miles. Military Band plays Saturday and Sunday afternoons; children's playhouse, conservatory, gymnasium, deer park, etc., good views, drives, promenades and choice landscape gardening. Reached by Market Street Cable Railway, via Haight, Hayes or McAllister Street, from Ferries, or Geary Street Cable Road from corner Kearney and Geary Streets, and via Powell or California Street Cable Roads, or Omnibus Cable lines. Fare, 5 cents.

Sutro Heights Cliff House and Seal Rocks—Point Lobos, 6 miles from City Hall. A magnificent drive over a perfect road leading through Golden Gate Park or can be reached by Market Street Cable R. R., Haight, Hayes or McAllister Street Division, transferring at Haight Street Terminus to H Street Electric cars direct to Ocean Beach near Cliff House. Distance from Oakland Ferry, about 8 miles; time, 55 minutes; fare, 5 cents; also reached by California or Powell Street Cable and Ferries and Cliff House R. R. along the Cliffs to Sutro Heights and Ocean Beach, also by Sutter Street and Sutro Electric R. R. through Richmond to Sutro Heights, Sutro Baths Cliff House and Ocean Beach.

Sutro Baths—Open from 7 A. M. to 11 P. M. Concert every afternoon and evening. Admission, adults, 10 cents, children, 5 cents.

San Francisco Chamber of Commerce—Merchants' Exchange, California Street.

San Francisco Stock Exchange—Pine Street, between Montgomery and Sansome.

Merchants' Exchange—California Street, between Montgomery and Sansome.

United States Mint—Fifth and Mission Streets. Visitors admitted from 9 A. M. to 12 noon, except Saturday or Sunday.

United States Land Office—Located at 610 Commercial Street.

State Boards of Viticulture—101 Sansome Street; ***Horticulture***, 220 Sutter Street; ***Agriculture***, Sacramento City; ***Trade and Exhibit of Products***, New Ferry Building foot of Market Street.

Academy of Science—Located on Market Street, above Fourth.

Places of Interest

California State Mining Bureau—New Pioneer Building, Fourth Street. This institution has the largest and most valuable collection of ores, minerals, fossils and Indian relics in the United States.

Mission Dolores—Founded 1776; 16th and Dolores Streets. Reached by Valencia Street Division of Market Street Cable Railway, and Howard Street Cable Railway.

Alcatraz Island and Angel Island—Permission to visit these may be secured at Army Headquarters, Phelan Building. Steamer *General McDowell* visits them daily.

Presidio Barracks—Take Union Street Cable cars to Presidio; or California Street line and transfer at Hyde and Union Streets to Presidio cars; or Powell Street cars and transfer at Mason and Jackson Streets. Band plays daily, except Thursday and Saturday, at 2 P. M.

Libraries—The People's Free Library, New City Hall; The Mechanics' Library, 31 Post Street; The Odd Fellows' Library, Market and Seventh Streets; The Geographical Society of the Pacific, 513 Post Street; The San Francisco Art Association, 430 Pine Street; The Mercantile Library, Van Ness Avenue; The Pioneer's Library, Fourth Street, between Market and Mission.

Eastern Railway Lines—The offices of all Agents of Eastern Railroads represented in San Francisco are on Montgomery, Market and New Montgomery Streets, in close proximity to Palace, Grand and Occidental Hotels.

POST OFFICE AND CUSTOM HOUSE—Located on Washington Street, between Sansome and Battery.

BANKS—All the leading banks are on Montgomery, Sansome, California and Sutter Streets.

EXPRESS OFFICES—Wells, Fargo & Co., New Montgomery Street, near Palace Hotel.

PACIFIC POSTAL TELEGRAPH—Main Office, 534 Market Street.

WESTERN UNION TELEGRAPH—Main Office, N. E. corner Montgomery and Pine Streets.

STREET CAR FARES—The fare on all Street Car Lines, Horse, Cable and Electric, is 5 cents.

Key to Tide Tables

NOTE.—The tables of tides for San Francisco, San Pedro, Port Townsend and Astoria are obtained from the United States Coast and Geodetic Survey. These tides are extremely irregular, both as regards interval and height.

The two tides may occur either during the same morning or during the same afternoon. 0 h. 00 m. is midnight and 12 h. 00 m. is noon. An A. M. tide in the P. M. column is marked a; a P. M. tide in the A. M. column is marked p. To change "Pacific Standard Time" to San Francisco "Local Time," subtract 10 minutes. For San Pedro, add 7 minutes. For Port Townsend, subtract 11 minutes. For Astoria, subtract 15 minutes. The height is reckoned from the level of average lower low waters, for which the soundings are given on the coast and geodetic survey charts. These predicted times are all in "Pacific Standard Time," eight hours slower than Greenwich time. The large tide is distinguished by the letter l, and the asterisk (*) denotes that both tides are of the same height.

High Tides

AT SAN FRANCISCO.

JANUARY.

D	First	Second	D	First	Second
1	0 06	10 23a	17	1 10	12 11 1
2	0 45	11 15a	18	1 42	12 54 *
3	1 23	12 10 1	19	2 14 1	1 35
4	2 01	1 07 1	20	2 41 1	2 21
5	2 40 1	2 11	21	3 10 1	3 12
6	3 20 1	3 21	22	3 39 1	4 28
7	4 05 1	4 40	23	4 13 1	5 54
8	4 51 1	6 05	24	4 50 1	7 21
9	5 42 1	7 31	25	5 36 1	8 35
10	6 35 1	8 47	26	6 31 1	9 30
11	7 29 1	9 47	27	7 31 1	10 15
12	8 22 1	10 39	28	8 30 1	10 55
13	9 13 1	11 21	29	9 28 1	11 32
14	10 00	. .	30	10 21	. .
15	0 09	10 45a1	31	0 09	11 16a1
16	0 37	11 28a1			

FEBRUARY.

D	First	Second	D	First	Second
1	0 45	12 10 1	17	1 19 1	1 23
2	1 20 1	1 08	18	1 42 1	2 08
3	1 56 1	2 03	19	2 08 1	3 04
4	2 35 1	3 09	20	2 35 1	4 12
5	3 19 1	4 10	21	3 10 1	5 30
6	4 08 1	5 15	22	3 55 1	6 51
7	5 01 1	6 22	23	4 53 1	8 00
8	6 03 1	7 20	24	6 03 1	8 52
9	7 07 1	8 29	25	7 18 1	9 35
10	8 08 1	9 20	26	8 25 1	10 13
11	9 04 1	10 20	27	9 29 1	10 50
12	9 54 1	11 05	28	10 25 1	11 25
13	10 40 1	11 58			
14	11 22	. .			
15	0 28	12 03 *			
16	0 53 1	12 42			

MARCH.

D	First	Second	D	First	Second
1	11 20 1	11 59	17	0 00 1	12 38
2	. .	12 15	18	0 22 1	1 20
3	0 35 1	1 12	19	0 46 1	2 09
4	1 11 1	2 12	20	1 12 1	3 03
5	1 51 1	3 17	21	1 45 1	4 04
6	2 37 1	4 29	22	2 26 1	5 11
7	3 26 1	5 49	23	3 20 1	6 16
8	4 25 1	7 05	24	4 31 1	7 15
9	5 35 1	8 05	25	5 51 1	8 02
10	6 48 1	8 55	26	7 11 1	8 45
11	7 55 1	9 35	27	8 24	9 25 1
12	8 54	10 10 *	28	9 29	10 01 1
13	9 46	10 42 *	29	10 29	10 39 1
14	10 33	10 10 1	30	11 25	11 15 1
15	11 15	11 35 1	31	12 20 p	11 52 1
16	11 57	. .			

APRIL.

D	First	Second	D	First	Second
1	.	1 11	17	0 02 1	2 03
2	0 35 1	2 11	18	0 35 1	2 56
3	1 16 1	3 13	19	1 15 1	3 52
4	2 01 1	4 20	20	2 02 1	4 49
5	2 52 1	5 29	21	3 04 1	5 41
6	3 56 1	6 33	22	4 20	6 30 1
7	5 08 1	7 28	23	5 45	7 15 1
8	6 25	8 11 1	24	7 03	7 59 1
9	7 37	8 49 1	25	8 18	8 40 1
10	8 40	9 21 1	26	9 26	9 20 1
11	9 32	9 51 1	27	10 26	10 00 1
12	10 20	10 19 1	28	11 24	10 40 1
13	11 02	10 45 1	29	12 19 p	11 20 1
14	11 45	11 10 1	30	. .	1 14
15	12 30 p	11 35 1			
16	. .	1 15			

MAY.

D	First	Second	D	First	Second
1	0 00 1	2 19	17	0 08 1	2 44
2	0 44 1	3 06	18	0 53 1	3 32
3	1 22 1	4 03	19	1 51 1	4 17
4	2 26 1	4 58	20	2 57	5 00 1
5	3 31	5 50 1	21	4 15	5 45 1
6	4 44	6 35 1	22	5 37	6 30 1
7	6 09	7 14 1	23	7 00	7 14 1
8	7 13	7 50 1	24	8 15	7 59 1
9	8 17	8 24 1	25	9 23	8 42 1
10	9 15	8 55 1	26	10 26	9 26 1
11	10 05	9 24 1	27	11 28	10 09 1
12	10 53	9 51 1	28	12 18 p	10 52 1
13	11 39	10 19 1	29	1 09 p	11 33 1
14	12 25 p	10 50 1	30	. .	1 59
15	1 11 p	11 26	31	0 22 1	2 46
16	. .	1 58			

JUNE.

D	First	Second	D	First	Second
1	1 11 1	3 32	17	1 47	3 39 1
2	2 05	4 17 1	18	2 54	4 20 1
3	3 02	4 59 1	19	4 08	5 02 1
4	4 06	5 37 1	20	5 30	5 49 1
5	5 18	6 14 1	21	6 52	6 36 1
6	6 35	6 50 1	22	8 11	7 24 1
7	7 50	7 23 1	23	9 21	8 11 1
8	8 55	7 57 1	24	10 22	9 00 1
9	9 53	8 29 1	25	11 18	9 49 1
10	10 42	9 03 1	26	12 05 p	10 35 1
11	11 29	9 39 1	27	12 50 p	11 22 1
12	12 14 p	10 18 1	28	. .	1 32
13	12 55 p	11 04 1	29	0 08 1	2 12
14	1 37 p	11 53 1	30	0 57	2 51*
15	. .	2 18			
16	0 48 1	2 59			

High Tides

AT SAN FRANCISCO.

JULY.

D	First	Second	D	First	Second
1	1 45	3 28 l	17	2 52	3 37 l
2	2 35	4 02 l	18	4 05	4 23 l
3	3 31	4 37 l	19	5 25	5 10 l
4	4 39	5 11 l	20	6 48	6 03 l
5	5 58	5 46 l	21	8 08	6 57 l
6	7 20	6 22 l	22	9 15	7 52 l
7	8 34	7 01 l	23	10 10	8 46 l
8	9 35	7 42 l	24	10 57	9 39 l
9	10 23	8 26 l	25	11 38	10 26 l
10	11 07	9 14 l	26	12 18p	11 12 l
11	11 46	10 03 l	27	12 53p	11 57 l
12	12 25p	10 55 l	28	. .	1 29
13	1 04p	11 49 l	29	0 42	2 01 l
14	. .	1 40	30	1 29	2 32 l
15	0 45	2 17 *	31	2 15	3 02 l
16	1 45	2 56 l			

AUGUST.

D	First	Second	D	First	Second
1	3 08	3 32 l	17	5 24	4 35 l
2	4 13	4 07 l	18	6 45	5 34 l
3	5 30	4 41 l	19	7 59	6 38 l
4	6 53	5 25 l	20	8 58	7 29 l
5	8 08	6 15 l	21	9 44	8 38 l
6	9 05	7 10 l	22	10 25	9 30 l
7	9 51	8 03 l	23	11 00	10 19 l
8	10 30	9 04 l	24	11 35	11 04 l
9	11 08	9 59 l	25	12 08pl	11 47
10	11 44	10 53 l	26	. .	12 38
11	12 19p	11 46 l	27	0 30	1 05 l
12	12 54p	. .	28	1 14	1 31 l
13	0 43	1 30 *	29	2 00	1 58 l
14	1 42	2 09 l	30	2 55	2 26 l
15	2 51	2 52 l	31	3 57	2 59 l
16	4 04	3 49 l			

SEPTEMBER.

D	First	Second	D	First	Second
1	5 11	3 41 l	17	7 36	6 20 l
2	6 26	4 36 l	18	8 26	7 29 l
3	7 32	5 42 l	19	9 06	8 29 l
4	8 24	6 52 l	20	9 44 l	9 23
5	9 06	7 58 l	21	10 19 l	10 12
6	9 45	9 00 l	22	10 48 l	10 59
7	10 21	9 57 l	23	11 16 l	11 41
8	10 55	10 51 l	24	11 43	. .
9	11 30	11 49 *	25	0 24	12 08 l
10	. .	12 05	26	1 07	12 32 l
11	0 46	12 43 l	27	1 55	12 58 l
12	1 46	1 24 l	28	2 49	1 26 l
13	2 51	2 08 l	29	3 49	2 06 l
14	4 03	3 08 l	30	4 53	2 59 l
15	5 19	4 00 l			
16	6 35	5 08 l			

OCTOBER.

D	First	Second	D	First	Second
1	5 57	4 04 l	17	7 45 l	7 20
2	6 51	5 22 l	18	8 22 l	8 23
3	7 37	6 41 l	19	8 56 l	9 18
4	8 18	7 51 *	20	9 29 l	10 05
5	8 56 l	8 59	21	9 57 l	10 50
6	9 32 l	9 59	22	10 25 l	11 35
7	10 09 l	10 57	23	10 50	. .
8	10 45 l	11 52	24	0 17	11 15al
9	11 23	. .	25	1 02	11 40al
10	0 48	12 03 l	26	1 49	12 10 l
11	1 48	12 45 l	27	2 41	12 45 l
12	2 50	1 30 l	28	3 33	1 31 l
13	3 57	2 25 l	29	4 27	2 30 l
14	5 04	3 31 l	30	5 16	3 45*
15	6 06	4 47 l	31	6 03 l	5 12
16	7 00 l	6 06			

NOVEMBER.

D	First	Second	D	First	Second
1	6 47 l	6 36	17	8 05 l	9 05
2	7 30 l	7 59	18	8 39 l	9 56
3	8 10 l	9 00	19	9 09 l	10 42
4	8 50 l	10 00	20	9 36 l	11 27
5	9 29 l	10 59	21	10 04	. .
6	10 05 l	11 54	22	0 10	10 32al
7	10 50	. .	23	0 53	11 04al
8	0 49	11 31al	24	1 38	11 43al
9	1 44	12 15 l	25	2 22	12 25 l
10	2 41	1 03 l	26	3 06	1 18 l
11	3 38	2 00 l	27	3 50 l	2 19
12	4 32	3 07 *	28	4 33 l	3 35
13	5 25 l	4 22	29	5 16 l	5 00
14	6 12 l	5 41	30	6 00 l	6 27
15	6 52 l	6 58			
16	7 31 l	8 04			

DECEMBER.

D	First	Second	D	First	Second
1	6 45 l	7 46	17	7 47 l	9 46
2	7 29 l	8 58	18	8 19 l	10 35
3	8 12 l	10 01	19	8 54 l	11 18
4	8 57 l	11 00	20	9 29 l	11 58
5	9 41 l	11 57	21	10 05	. .
6	10 26	. .	22	0 35	10 48al
7	0 48	11 12al	23	1 14	11 32al
8	1 30	11 52al	24	1 50	12 22 l
9	2 19	12 48 l	25	2 29	1 17 l
10	3 04	1 42 l	26	3 07 l	2 18
11	3 50 l	2 40	27	3 48 l	3 30
12	4 33 l	3 46	28	4 30 l	4 51
13	5 14 l	5 01	29	5 15 l	6 18
14	5 55 l	6 21	30	6 08 l	7 41
15	6 34 l	7 40	31	6 54 l	8 56
16	7 12 l	8 51			

High Tides

AT SAN PEDRO.

JANUARY.

D	First	Second	D	First	Second
1	8 37 l	10 03	17	9 54 l	11 01
2	9 23 l	10 43	18	10 24 l	11 28
3	10 08 l	11 26	19	10 52 l	11 52
4	10 54	. .	20	11 21	. .
5	0 10	11 45a l	21	0 22 l	11 56 a
6	0 55 l	12 42	22	0 56 l	12 52
7	1 47 l	1 55	23	1 42 l	2 22
8	2 49 l	3 34	24	2 43 l	4 22
9	3 57 l	5 22	25	3 56 l	6 06
10	5 01 l	6 48	26	5 04 l	7 06
11	5 57 l	7 44	27	6 03 l	7 49
12	6 46 l	8 27	28	6 56 l	8 27
13	7 29 l	9 02	29	7 43 l	9 02
14	8 08 l	9 33	30	8 29 l	9 38
15	8 44 l	10 02	31	9 15 l	10 15
16	9 19 l	10 32			

FEBRUARY.

D	First	Second	D	First	Second
1	10 01 l	10 52	17	10 34	11 02 l
2	10 44 l	11 31	18	11 07	11 28 l
3	11 32	. .	19	11 43	. .
4	0 11 l	12 25	20	0 02 l	12 37
5	0 59 l	1 42	21	0 46 l	2 07
6	1 59 l	3 17	22	1 49 l	4 07
7	3 12 l	5 22	23	3 16 l	6 00
8	4 30 l	6 47	24	4 39 l	6 47
9	5 38 l	7 37	25	5 47 l	7 24
10	6 32 l	8 13	26	6 44 l	7 58
11	7 17 l	8 40	27	7 35 l	8 32
12	7 55 l	9 03	28	8 22 l	9 06
13	8 28 l	9 28			
14	9 06 l	9 52			
15	9 25 l	10 17			
16	10 03 l	10 40			

MARCH.

D	First	Second	D	First	Second
1	9 09 l	9 41	17	9 47	9 57 l
2	9 52 l	10 17	18	10 21	10 23 l
3	10 37	10 52 l	19	10 57	10 52 l
4	11 23	11 32 l	20	11 40	11 29 l
5	. .	12 16	21	. .	12 39
6	0 17 l	1 32	22	0 13 l	2 12
7	1 13 l	3 22	23	1 16 l	4 07
8	2 26 l	5 27	24	2 46 l	5 26
9	3 55 l	6 33	25	4 17 l	6 12
10	5 14 l	7 17	26	5 32 l	6 48
11	6 12 l	7 42	27	6 33 l	7 23
12	6 58 l	8 02	28	7 27 l	7 58
13	7 37 l	8 23	29	8 15 l	8 34
14	8 13 l	8 46	30	9 01	9 10 l
15	8 45	9 08 *	31	9 44	9 44 l
16	9 15	9 31 l			

APRIL.

D	First	Second	D	First	Second
1	10 31	10 22 l	17	10 57	10 25 l
2	11 22	11 01 l	18	11 49	11 06 l
3	12 32 p	11 43 l	19	12 51 p	11 56 l
4	. .	1 42	20	. .	2 10
5	0 34 l	3 22	21	1 01 l	3 35
6	1 42 l	5 02	22	2 27 l	4 39
7	3 07 l	5 52	23	4 00 l	5 26
8	4 34 l	6 35	24	5 19	6 07 l
9	5 42	6 54 l	25	6 22	6 45 l
10	6 36	7 16 l	26	7 16	7 22 l
11	7 14	7 37 l	27	8 07	8 01 l
12	7 49	7 57 l	28	8 54	8 38 l
13	8 22	8 22 l	29	9 51	9 16 l
14	8 57	8 49 l	30	10 28	9 55 l
15	9 33	9 19 l			
16	10 12	9 42 l			

MAY.

D	First	Second	D	First	Second
1	11 18	10 36 l	17	11 49	10 53 l
2	12 13 p	11 18 l	18	12 47 p	11 46 l
3	. .	1 18	19	. .	1 46
4	0 06 l	2 39	20	0 49 l	2 49
5	1 02 l	4 01	21	2 08	3 45 l
6	2 19 l	4 57	22	3 36	4 36 l
7	3 44	5 27 l	23	4 58	5 25 l
8	4 58	5 50 l	24	6 08	6 11 l
9	5 56	6 15 l	25	7 09	6 54 l
10	6 42	6 42 l	26	8 03	7 36 l
11	7 23	7 10 l	27	8 53	8 17 l
12	8 02	7 39 l	28	9 41	8 57 l
13	8 42	8 13 l	29	10 27	9 37 l
14	9 25	8 52 l	30	11 18	10 17 l
15	10 10	9 27 l	31	12 02 p	10 59 l
16	10 56	10 07 l			

JUNE.

D	First	Second	D	First	Second
1	12 50 p	11 42 l	17	. .	1 10
2	. .	1 43	18	0 34 l	2 01
3	0 32 l	2 35	19	1 44	2 55 l
4	1 22	3 17 l	20	3 11	3 54 l
5	2 27	4 01 l	21	4 41	4 52 l
6	3 41	4 41 l	22	6 03	5 43 l
7	5 03	5 18 l	23	7 10	6 34 l
8	6 09	5 54 l	24	8 05	7 18 l
9	7 01	6 31 l	25	8 53	8 02 l
10	7 51	7 09 l	26	9 35	8 43 l
11	8 35	7 47 l	27	10 14	9 22 l
12	9 19	8 29 l	28	10 53	10 02 l
13	10 01	9 13 l	29	11 30	10 40 l
14	10 45	9 57 l	30	12 07 p	11 13 l
15	11 32	10 44 l			
16	12 20 p	11 25			

High Tides

AT SAN PEDRO.

JULY.

D	First	Second	D	First	Second
1	12 42 p	11 47 1	17	0 16	1 13 1
2	. .	1 13	18	1 23	2 10 1
3	0 19	1 52 1	19	2 51	3 16 1
4	1 17	2 37 1	20	4 33	4 23 1
5	2 24	3 28 1	21	6 07	5 24 1
6	4 17	4 21 1	22	7 14	6 21 1
7	5 47	5 11 1	23	8 02	7 08 1
8	6 54	5 59 1	24	8 41	7 52 1
9	7 41	6 47 1	25	9 14	8 31 1
10	8 25	7 31 1	26	9 47	9 07 1
11	9 04	8 16 1	27	10 17	9 45 1
12	9 43	9 02 1	28	10 46	10 19 1
13	10 22	9 48 1	29	11 15	10 47 1
14	11 02	10 34 1	30	11 41 1	11 17
15	11 43	11 22 1	31	12 07 p1	11 49
16	. .	12 25			

AUGUST.

D	First	Second	D	First	Second
1	. .	12 40	17	2 43	2 37 1
2	0 40	1 21 1	18	4 40	3 55 1
3	2 00	2 17 1	19	6 05	5 08 1
4	3 42	3 27 1	20	7 02	6 07 1
5	5 17	4 37 1	21	7 46	6 56 1
6	6 34	5 38 1	22	8 15	7 38 1
7	7 27	6 32 1	23	8 42	8 15 1
8	8 02	7 20 1	24	9 08	8 52 1
9	8 37	8 06 1	25	9 34	9 25 1
10	9 12	8 52 1	26	10 01	9 54 1
11	9 47	9 38 1	27	10 22 1	10 24
12	10 24	10 23 1	28	10 44 1	10 56
13	11 02 1	11 11	29	11 11 1	11 30
14	11 41	. .	30	11 42	. .
15	0 03	12 28 1	31	0 13	12 20 1
16	1 10	1 23 1			

SEPTEMBER.

D	First	Second	D	First	Second
1	1 50	1 17 1	17	6 15	4 47 1
2	3 51	2 40 1	18	6 50	5 52 1
3	5 17	4 06 1	19	7 16	6 41 1
4	6 13	5 22 1	20	7 40	7 22 1
5	6 57	6 19 1	21	8 02	8 01 1
6	7 31	7 10 1	22	8 27	8 33 *
7	8 03	7 57 1	23	8 51 1	9 03
8	8 37	8 44 1	24	9 14 1	9 34
9	9 12	9 23 1	25	9 38 1	10 07
10	9 48 1	10 13	26	10 03 1	10 42
11	10 24 1	11 02	27	10 31 1	11 23
12	11 03 1	0 00	28	11 03	. .
13	11 50	. .	29	0 17	11 44al
14	1 30	12 44 1	30	1 43	12 41 1
15	3 17	1 57 1			
16	4 57	3 24 1			

OCTOBER.

D	First	Second	D	First	Second
1	3 39	2 07 1	17	6 10	5 26 1
2	4 59	3 44 1	18	6 35 1	6 22
3	5 44	5 03 1	19	6 58 1	7 03
4	6 21	6 07 1	20	7 21 1	7 39
5	6 55	7 02 1	21	7 42 1	8 12
6	7 30 1	7 50	22	8 05 1	8 46
7	8 04 1	8 37	23	8 32 1	9 21
8	8 41 1	9 22	24	9 01 1	9 58
9	9 16 1	10 03	25	9 31 1	10 40
10	9 54 1	10 58	26	10 02 1	11 27
11	10 34 1	11 53	27	10 39	. .
12	11 19	. .	28	0 24	11 24al
13	1 05	12 10 1	29	1 40	12 23 1
14	2 44	1 13 1	30	3 01	1 45 1
15	4 22	2 42 1	31	4 07	3 23 1
16	5 27	4 12 1			

NOVEMBER.

D	First	Second	D	First	Second
1	4 56	4 48 *	17	6 07 1	6 39
2	5 39 1	5 54	18	6 33 1	7 19
3	6 17 1	6 52	19	7 01 1	7 57
4	6 56 1	7 42	20	7 29 1	8 34
5	7 34 1	8 32	21	7 59 1	9 13
6	8 12 1	9 20	22	8 33 1	9 53
7	8 52 1	10 07	23	9 09 1	10 37
8	9 32 1	10 57	24	9 47 1	11 22
9	10 12 1	11 50	25	10 27	. .
10	10 57	. .	26	0 14	11 14al
11	0 52	11 43al	27	1 09	12 10 1
12	2 06	12 38 1	28	2 07	1 21 1
13	3 26	1 33 1	29	3 06 1	2 52
14	4 31 1	3 23	30	4 02 1	4 23
15	5 10 1	4 46			
16	5 33 1	5 49			

DECEMBER.

D	First	Second	D	First	Second
1	4 56 1	5 42	17	5 49 1	7 03
2	5 44 1	6 47	18	6 26 1	7 48
3	6 30 1	7 42	19	7 00 1	8 27
4	7 13 1	8 32	20	7 37 1	9 05
5	7 56 1	9 20	21	8 14 1	9 44
6	8 37 1	10 04	22	8 56 1	10 23
7	9 18 1	10 50	23	9 37 1	11 03
8	9 58 1	11 34	24	10 20 1	11 45
9	10 41	. .	25	11 05	. .
10	0 22	11 23al	26	0 29	11 56al
11	1 12	12 07 1	27	1 17 1	12 59
12	2 04	12 51 *	28	2 11 1	2 22
13	2 51 1	1 52	29	3 14 1	4 02
14	3 42 1	3 22	30	4 17 1	5 37
15	4 30 1	4 58	31	5 17 1	6 52
16	5 13 1	6 12			

High Tides

AT ASTORIA, OREGON.

JANUARY.

D	First	Second	D	First	Second
1	1 05	12 17 1	17	2 14	1 45 1
2	1 47	1 04 1	18	2 44	2 18 1
3	2 27	1 51 1	19	3 11 1	2 52
4	3 07	2 41 1	20	3 37 1	3 29
5	3 48 1	3 33	21	4 07 1	4 09
6	4 31 1	4 22	22	4 40 1	4 59
7	5 20 1	5 40	23	5 19 1	6 00
8	6 12 1	6 56	24	6 07 1	7 22
9	7 11 1	8 18	25	7 04 1	8 52
10	8 11 1	9 35	26	8 09 1	10 09
11	9 11 1	10 42	27	9 16 1	11 10
12	10 08 1	11 39	28	10 19 1	11 59
13	10 59	. .	29	11 15	. .
14	0 25	11 48al	30	0 41	12 47 1
15	1 05	12 30 1	31	1 21	12 56 1
16	1 42	1 09 1			

FEBRUARY.

D	First	Second	D	First	Second
1	1 59	1 43 1	17	2 34 1	2 35
2	2 37 1	2 31	18	3 00 1	3 11
3	3 15 1	3 22	19	3 27 1	3 52
4	3 55 1	4 07	20	4 00 1	4 40
5	4 40 1	5 20	21	4 39 1	5 37
6	5 32 1	6 36	22	5 27 1	6 51
7	6 32 1	8 01	23	6 27 1	8 20
8	7 40 1	9 24	24	7 40 1	9 35
9	8 48 1	10 30	25	8 56 1	10 35
10	9 50 1	11 22	26	10 05 1	11 24
11	10 46	. .	27	11 05	. .
12	0 05	11 37al	28	0 07	11 58al
13	0 41	12 19 1			
14	1 14	12 56 1			
15	1 42	1 29 *			
16	2 08 1	2 02			

MARCH.

D	First	Second	D	First	Second
1	0 46	12 47 1	17	1 29 1	1 47
2	1 25 1	1 34	18	1 55 1	2 22
3	2 02 1	2 22	19	2 21 1	3 00
4	2 41 1	3 11	20	2 52 1	3 42
5	3 19 1	4 04	21	3 27 1	4 28
6	4 02 1	5 05	22	4 10 1	5 25
7	4 52 1	6 19	23	5 00 1	6 35
8	5 54 1	7 42	24	6 05 1	7 50
9	7 07 1	9 02	25	7 23 1	9 00
10	8 22 1	10 04	26	8 42 1	9 56
11	9 33 1	10 52	27	9 51	10 45 1
12	10 34 1	11 32	28	10 52	11 29 1
13	11 21	. .	29	11 46	. .
14	0 05	12 02 *	30	0 11 1	12 38
15	0 35 1	12 39	31	0 50 1	1 26
16	1 03 1	1 12			

APRIL.

D	First	Second	D	First	Second
1	1 29 1	2 14	17	1 47 1	2 51
2	2 07 1	3 02	18	2 21 1	3 32
3	2 48 1	3 54	19	3 02 1	4 21
4	3 30 1	4 51	20	3 48 1	5 18
5	4 18 1	5 59	21	4 43 1	6 18
6	5 18 1	7 14	22	5 51 1	7 20
7	6 30 1	8 25	23	7 09	8 20 1
8	7 54	9 22 1	24	8 25	9 15 1
9	9 09	10 08 1	25	9 36	10 04 1
10	10 07	10 46 1	26	10 39	10 52 1
11	10 57	11 21 1	27	11 35	11 38 1
12	11 40	11 51 1	28	. .	12 29
13	. .	12 19	29	0 20 1	1 18
14	0 20 1	12 56	30	1 00 1	2 07
15	0 48 1	1 33			
16	1 16 1	2 11			

MAY.

D	First	Second	D	First	Second
1	1 40 1	2 55	17	2 00 1	3 26
2	2 21 1	3 44	18	2 43 1	4 12
3	3 05 1	4 33	19	3 34 1	5 03
4	3 51 1	5 30	20	4 32 1	5 55
5	4 45 1	6 27	21	5 39	6 50 1
6	5 50	7 24 1	22	6 54	7 45 1
7	7 06	8 16 1	23	8 10	8 38 1
8	8 21	9 05 1	24	9 21	9 30 1
9	9 30	9 46 1	25	10 26	10 20 1
10	10 25	10 24 1	26	11 25	11 07 1
11	11 14	11 02 1	27	12 20 p	11 53 1
12	11 59	11 37 1	28	. .	1 11
13	. .	12 40	29	0 38 1	1 59
14	0 08 1	1 21	30	1 20 1	2 44
15	0 42 1	2 02	31	2 01 1	3 29
16	1 19 1	2 44			

JUNE.

D	First	Second	D	First	Second
1	2 43 1	4 12	17	3 25 1	4 39
2	3 26 1	4 54	18	4 22	5 28 1
3	4 14	5 39 *	19	5 28	6 19 1
4	5 06	6 24 1	20	6 39	7 11 1
5	6 10	7 09 1	21	7 55	8 08 1
6	7 22	7 56 1	22	9 10	9 02 1
7	8 37	8 43 1	23	10 17	9 55 1
8	9 46	9 28 1	24	11 19	10 46 1
9	10 45	10 12 1	25	12 12 p	11 35 1
10	11 39	10 55 1	26	. .	1 00
11	12 25 p	11 36 1	27	0 21 1	1 45
12	. .	1 09	28	1 05 1	2 25
13	0 18 1	1 51	29	1 46 1	3 03
14	1 00 1	2 32	30	2 25 1	3 37
15	1 45 1	3 12			
16	2 32 1	3 54			

High Tides

AT ASTORIA, OREGON.

JULY.

D	First	Second	D	First	Second
1	3 04	4 08 *	17	4 08	4 50 1
2	3 43	4 42 1	18	5 10	5 40 1
3	4 28	5 19 1	19	6 20	6 35 1
4	5 17	5 57 1	20	7 40	7 36 1
5	6 21	6 43 1	21	8 59	8 38 1
6	7 40	7 33 1	22	10 09	9 37 1
7	9 01	8 27 1	23	11 03	10 32 1
8	10 14	9 22 1	24	12 00	11 23 1
9	11 14	10 19 1	25	. .	12 43
10	12 03 p	11 09 1	26	0 12 1	1 22
11	12 48 p	11 57 1	27	0 54 1	1 57
12	. .	1 28	28	1 32 1	2 29
13	0 44 1	2 06	29	2 08 1	2 59
14	1 31 1	2 44	30	2 42	3 25 1
15	2 20 1	3 22	31	3 19	3 53 1
16	3 10	4 04 1			

AUGUST.

D	First	Second	D	First	Second
1	3 59	4 25 1	17	6 07	6 01 1
2	4 43	5 00 1	18	7 29	7 08 1
3	5 41	5 44 1	19	8 48	8 17 1
4	6 56	6 38 1	20	9 58	9 22 1
5	8 22	7 40 1	21	10 52	10 22 1
6	9 41	8 49 1	22	11 39	11 15 1
7	10 41	9 54 1	23	. .	12 17
8	11 33	10 51 1	24	0 01 1	12 50
9	12 16 p	11 44 1	25	0 41 1	1 23
10	. .	12 55	26	1 17	1 51 *
11	0 32 1	1 32	27	1 50	2 18 1
12	1 21 1	2 11	28	2 24	2 44 1
13	2 09	2 49 1	29	2 59	3 10 1
14	3 00	3 29 1	30	3 38	3 40 1
15	3 53	4 11 1	31	4 23	4 18 1
16	4 55	5 02 1			

SEPTEMBER.

D	First	Second	D	First	Second
1	5 18	5 02 1	17	8 32	7 55 1
2	6 24	6 00 1	18	9 35	9 08 1
3	7 48	7 10 1	19	10 25	10 12 1
4	9 06	8 27 1	20	11 06	11 02 1
5	10 06	9 38 1	21	11 42	11 46 1
6	10 55	10 39 1	22	. .	12 15
7	11 38	11 32 1	23	0 25	12 44 1
8	. .	12 18	24	1 00	1 11 1
9	0 22	12 55 1	25	1 34	1 37 1
10	1 10	1 33 1	26	2 08	2 02 1
11	1 59	2 12 1	27	2 44	2 32 1
12	2 48	2 52 1	28	3 25	3 05 1
13	3 41	3 35 1	29	4 08	3 45 1
14	4 41	4 25 1	30	5 01	4 33 1
15	5 54	5 26 1			
16	7 15	6 38 1			

OCTOBER.

D	First	Second	D	First	Second
1	6 06	5 33 1	17	8 59 1	8 49
2	7 19	6 50 1	18	9 45 1	9 50
3	8 26	8 10 1	19	10 25 1	10 42
4	9 24	9 22 1	20	11 00 1	11 27
5	10 14 1	10 25	21	11 35	. .
6	10 59 1	11 21	22	0 06	12 04 1
7	11 41	. .	23	0 44	12 32 1
8	0 12	12 20 1	24	1 20	12 59 1
9	1 02	1 00 1	25	1 57	1 28 1
10	1 50	1 40 1	26	2 35	2 00 1
11	2 40	2 21 1	27	3 13	2 38 1
12	3 32	3 05 1	28	3 59	3 21 1
13	4 30	3 54 1	29	4 50	4 13 1
14	5 37	4 52 1	30	5 47	5 16 1
15	6 49	6 05 1	31	6 49	6 32 *
16	8 00	7 30 1			

NOVEMBER.

D	First	Second	D	First	Second
1	7 48 1	7 51	17	9 31 1	10 15
2	8 42 1	9 05	18	10 10 1	11 05
3	9 23 1	10 11	19	10 48 1	11 49
4	10 23 1	11 10	20	11 24	. .
5	11 08	. .	21	0 30	11 56a1
6	0 05	11 51a1	22	1 09	12 28 1
7	0 55	12 33 1	23	1 47	1 02 1
8	1 45	1 15 1	24	2 26	1 40 1
9	2 33	1 58 1	25	3 05	2 21 1
10	3 22	2 41 1	26	3 46	3 07 1
11	4 14	3 28 1	27	4 32	4 00 1
12	5 07	4 22 1	28	5 22 1	5 02
13	6 03 1	5 29	29	6 15 1	6 14
14	7 02 1	6 46	30	7 10 1	7 32
15	7 57 1	8 05			
16	8 48 1	9 16			

DECEMBER.

D	First	Second	D	First	Second
1	8 04 1	8 49	17	9 14 1	10 39
2	8 59 1	10 00	18	9 59 1	11 30
3	9 50 1	11 02	19	10 43	. .
4	10 40 1	11 59	20	0 17	11 25a1
5	11 29	. .	21	0 55	12 04 1
6	0 50	12 15 1	22	1 34	12 44 1
7	1 38	12 59 1	23	2 11	1 25 1
8	2 23	1 42 1	24	2 48	2 10 1
9	3 07	2 24 1	25	3 25	2 57 1
10	3 51	3 06 1	26	4 05 1	3 49
11	4 39	3 53 1	27	4 50 1	4 49
12	5 13 1	4 44	28	5 38 1	5 57
13	5 59 1	5 45	29	6 31 1	7 15
14	6 48 1	7 00	30	7 28 1	8 35
15	7 38 1	8 21	31	8 27 1	9 50
16	8 27 1	9 38			

High Tides

AT PORT TOWNSEND, WASH.

JANUARY.

D	First	Second	D	First	Second
1	5 18 l	2 15	17	6 09 l	4 26
2	5 46 l	3 10	18	6 32 l	5 15
3	6 18 l	4 04	19	6 55 l	6 05
4	6 50 l	5 14	20	7 19 l	7 00
5	7 24 l	6 28	21	7 39 l	8 03
6	7 59 l	7 49	22	8 00 l	9 18
7	8 35 l	9 21	23	8 22 l	11 06
8	9 12 l	11 21	24	8 49	. .
9	9 51	. .	25	1 20	9 10al
10	1 12	10 38al	26	2 28	9 40al
11	2 25	11 25al	27	3 12	10 25al
12	3 20	12 17 l	28	3 46 l	11 32 a
13	4 04 l	1 09	29	4 15 l	12 52
14	4 41 l	2 00	30	4 41 l	2 10
15	5 15 l	2 50	31	5 09 l	3 20
16	5 44 l	3 38			

FEBRUARY.

D	First	Second	D	First	Second
1	5 36 l	4 28	17	6 00 l	6 07
2	6 5 l	5 32	18	6 19 l	6 58
3	6 36 l	6 41	19	6 41 l	7 55
4	7 09 l	7 56	20	7 07 l	8 59
5	7 42 l	9 27	21	7 30 l	10 15
6	8 24 l	11 20	22	7 52 l	11 53
7	9 11	. .	23	8 22	. .
8	1 00	10 00al	24	1 19	9 13al
9	2 10	11 00al	25	2 11 l	10 27 a
10	2 57 l	12 05	26	2 48 l	12 00
11	3 56 l	1 11	27	3 18 l	1 26
12	4 08 l	2 11	28	3 47 l	2 41
13	4 38 l	3 05			
14	5 01 l	3 53			
15	5 21 l	4 37			
16	5 41 l	5 22			

MARCH.

D	First	Second	D	First	Second
1	4 14 l	3 43	17	4 40 l	5 25
2	4 41 l	4 46	18	5 02	6 08 *
3	5 11 l	5 49	19	5 25	6 53 *
4	5 44 l	6 52	20	5 45	7 45 l
5	6 20 l	8 04	21	6 09	8 40 *
6	6 58 l	9 26	22	6 35	9 45 l
7	7 37 l	11 02	23	7 09	10 52 l
8	8 23	. .	24	7 59	. .
9	0 30 l	9 24 a	25	0 00 l	9 20 a
10	1 20 l	10 45 a	26	0 52 l	10 59 a
11	2 15 l	12 13	27	1 35 l	12 35
12	2 51 l	1 28	28	2 10 l	1 54
13	3 20 l	2 29	29	2 41 l	3 00
14	3 44 l	3 18	30	3 11 l	4 02
15	4 05 l	4 01	31	3 44 l	5 01
16	4 22 l	4 43			

APRIL.

D	First	Second	D	First	Second
1	4 19	6 01 *	17	4 15	6 52 l
2	4 55	7 01 *	18	4 37	7 38 l
3	5 20	8 05 *	19	5 05	8 29 l
4	6 05	9 15 l	20	5 44	9 19 l
5	6 46	10 30 l	21	6 42	10 11 l
6	7 38	11 35 l	22	8 06	11 01 l
7	8 56	. .	23	9 49	11 45 l
8	0 30 l	10 35 a	24	11 50	. .
9	1 13 l	12 27	25	0 25 l	1 50
10	1 45 l	1 47	26	1 01 l	2 18
11	2 13 l	2 45	27	1 38 l	3 26
12	2 34 l	3 30	28	2 15	4 25 *
13	2 53	4 09 *	29	2 53	5 21 l
14	3 15	4 48 l	30	3 27	6 15 l
15	3 37	5 27 l			
16	3 56	6 08 l			

MAY.

D	First	Second	D	First	Second
1	4 01	7 07 l	17	3 36	7 26 l
2	4 38	8 00 l	18	4 25	8 10 l
3	5 15	8 50 l	19	5 35	8 52 l
4	6 00	9 40 l	20	6 59	9 35 l
5	7 00	10 29 l	21	8 31	10 12 l
6	8 38	11 15 l	22	10 05	10 51 l
7	10 21	11 52 l	23	11 51	11 30 l
8	. .	12 36	24	. .	1 25
9	0 22 l	2 00	25	0 05 l	2 47
10	0 46 l	2 52	26	0 45 l	3 48
11	1 07 l	3 38	27	1 26 l	4 41
12	1 30	4 18 l	28	2 03	5 30 l
13	1 54	4 55 l	29	2 42	6 15 l
14	2 11	5 30 l	30	3 23	6 58 l
15	2 30	6 07	31	4 05	7 39 l
16	2 55	6 47 l			

JUNE.

D	First	Second	D	First	Second
1	4 53	8 16 l	17	5 57	8 17 l
2	5 51	8 52 l	18	7 18	8 52 l
3	7 00	9 28 l	19	8 45	9 28 l
4	8 23	10 01 l	20	10 20	10 05 l
5	10 00	10 30 l	21	12 12 p	10 41 l
6	12 20 p	10 54 l	22	1 50 p	11 22 l
7	2 00 p	11 15 l	23	. .	3 00
8	3 01 p	11 36 l	24	0 07 l	3 55
9	3 44 p	11 53 l	25	0 51	4 41 l
10	. .	4 21	26	1 34	5 22 l
11	0 07	4 55 l	27	2 22	6 00 l
12	0 32	5 26 l	28	3 14	6 32 l
13	1 17	5 57 l	29	4 08	7 02 l
14	2 13	6 30 l	30	5 02	7 32 l
15	3 21	7 08 l			
16	4 37	7 40 l			

High Tides

AT PORT TOWNSEND, WASH.

JULY.

D	First	Second	D	First	Second
1	6 02	8 00 1	17	7 27	8 07 1
2	7 03	8 27 1	18	8 50	8 43 1
3	8 12	8 54 1	19	10 30	9 22 1
4	9 32	9 19 1	20	12 23 p	10 06 1
5	11 39	9 37 1	21	1 51 p	10 55 1
6	1 49 p	9 59 1	22	2 53 p	11 45 1
7	2 53 p	10 25 1	23	. .	3 40
8	3 34 p	10 55 1	24	0 41	4 20 1
9	4 07 p	11 30 1	25	1 38	4 54 1
10	. .	4 35	26	2 33	5 24 1
11	0 10	5 01 1	27	3 28	5 52 1
12	1 11	5 28 1	28	4 20	6 15 1
13	2 32	5 56 1	29	5 10	6 39 1
14	3 47	6 27 1	30	6 02	7 04 1
15	5 00	7 00 1	31	6 59	7 28 1
16	6 12	7 33 1			

AUGUST.

D	First	Second	D	First	Second
1	8 00	7 51 1	17	10 33	8 45 1
2	9 10	8 12 1	18	12 16 p	9 37 1
3	10 42	8 38 1	19	1 33 p	10 36 1
4	12 40 p	9 10 1	20	2 26pl	11 42
5	2 00 p	9 45 1	21	. .	3 07
6	2 49 p	10 35 1	22	0 51	3 42 1
7	3 21pl	11 30	23	1 55	4 11 1
8	. .	3 48	24	2 52	4 36 1
9	0 29	4 13 1	25	3 43	4 59 1
10	1 50	4 39 1	26	4 29	5 21 1
11	3 04	5 06 1	27	5 16	5 44 1
12	4 11	5 36 1	28	6 01	6 05 1
13	5 16	6 03 1	29	6 52	6 27 1
14	6 22	6 40 1	30	7 46	6 51 1
15	7 34	7 18 1	31	8 49	7 11 1
16	8 55	8 00 1			

SEPTEMBER.

D	First	Second	D	First	Second
1	9 59	7 29 1	17	12 55pl	10 26
2	11 21	7 54 1	18	1 41pl	11 58
3	12 39 p	8 37 1	19	. .	2 18
4	1 31pl	10 05	20	1 14	2 49 1
5	2 08pl	11 43	21	2 18	3 16 1
6	. .	2 41	22	3 07	3 39 1
7	1 09	3 08 1	23	3 53	3 59 1
8	2 20	3 39 1	24	4 37	4 19 1
9	3 23	4 07 1	25	5 18	4 40*
10	4 25	4 38 1	26	6 00 1	5 03
11	5 27	5 12 1	27	6 45 1	5 21
12	6 31	5 49 1	28	7 35 1	5 39
13	7 40	6 28 1	29	8 26 1	6 05
14	8 56	7 08 1	30	9 25 1	6 40
15	10 27	8 00 1			
16	11 51 1	9 05			

OCTOBER.

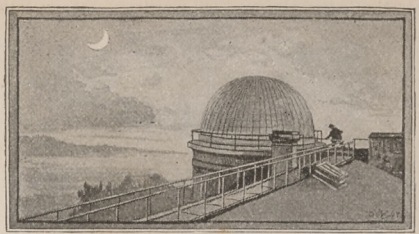
D	First	Second	D	First	Second
1	10 25 1	7 30	17	.	12 43
2	11 25 1	8 55	18	0 16	1 19 1
3	12 15pl	10 42	19	1 38	1 49 1
4	. .	12 58	20	2 38	2 11 1
5	0 16	1 32 1	21	3 23	2 32 1
6	1 34	2 04 1	22	4 04	2 50 1
7	2 41	2 35 1	23	4 43 1	3 16
8	3 42	3 07 1	24	5 21 1	3 34
9	4 42	3 43 *	25	6 00 1	3 48
10	5 40 1	4 17	26	6 40 1	4 05
11	6 40 1	4 40	27	7 24 1	4 28
12	7 44 1	5 27	28	8 10 1	5 05
13	8 49 1	6 10	29	8 58 1	6 00
14	10 00 1	7 05	30	9 46 1	7 30
15	11 04 1	8 36	31	10 32 1	9 18
16	11 59 1	10 26			

NOVEMBER.

D	First	Second	D	First	Second
1	11 14 1	11 05	17	1 54	12 33 1
2	11 51	. .	18	2 50	1 00 1
3	0 42	12 28 1	19	3 36	1 25 1
4	2 02	1 02 1	20	4 15 1	1 45
5	3 08	1 40 1	21	4 51 1	2 10
6	4 07	2 16 1	22	5 24 1	2 28
7	5 01	2 49 1	23	5 56 1	2 50
8	5 54 1	3 22	24	6 30 1	3 25
9	6 46 1	3 59	25	7 07 1	4 00
10	7 36 1	4 39	26	7 45 1	5 02
11	8 26 1	5 21	27	8 25 1	6 24
12	9 16 1	6 35	28	9 05 1	7 57
13	10 05 1	8 18	29	9 42 1	9 34
14	10 50 1	10 12	30	10 20 1	11 19
15	11 31	. .			
16	0 27	12 07 1			

DECEMBER.

D	First	Second	D	First	Second
1	10 56	. .	17	3 03	11 30al
2	1 06	11 33al	18	3 44	11 57al
3	2 28	12 14 1	19	4 19 1	12 12
4	3 31	12 54 1	20	4 48 1	12 40
5	4 23	1 33 1	21	5 16 1	1 14
6	5 10 1	2 13	22	5 42 1	2 11
7	5 54 1	2 56	23	6 10 1	3 13
8	6 36 1	3 41	24	6 38 1	4 20
9	7 15 1	4 33	25	7 11 1	5 32
10	7 51 1	5 31	26	7 45 1	6 46
11	8 27 1	6 41	27	8 20 1	8 06
12	9 05 1	8 05	28	8 52 1	9 39
13	9 41 1	9 45	29	9 29 1	11 31
14	10 13	.	30	10 06	.
15	0 10	10 42al	31	1 24	10 50al
16	2 00	11 07al			



ECLIPSES, 1900.

There will be three Eclipses this year, two of the Sun and one of the Moon, as follows:

I. A Total Eclipse of the Sun, May 28, visible as a partial eclipse throughout most of the U. S. The line of totality extends from Norfolk, Va., to Mobile and New Orleans.

	Boston.	New York.	Washington.
Begins	8.9 A. M.	7.49 A. M.	7.40 A. M.
Middle	9.29 "	9.10 "	8.55 "
Ends	10.50 "	10.31 "	10.11 "

II. A Partial Eclipse of the Moon, June 13. This is so small as to scarcely amount to more than a contact, and details are therefore omitted.

III. An Annular Eclipse of the Sun, Nov. 22, invisible in America.

MORNING STARS.

MERCURY, until Feb. 9, and from March 24 to May 30, Aug. 1 to Sept. 13, and after Nov. 20. VENUS, after July 8. MARS, from Jan. 16 to Nov. 22. JUPITER, until Feb. 28, and after Dec. 14. SATURN, until March 25, and after Dec. 28. URANUS, until March 3, and after Dec. 5.

EVENING STARS.

MERCURY, from Feb. 9 to March 24, May 30 to Aug. 1, and Sept. 13 to Nov. 20. VENUS, until July 8. MARS, until Jan. 16, and after Nov. 22. JUPITER, from Feb. 28 to Dec. 14. SATURN, from March 25 to Dec. 29. URANUS, from March 3 to Dec. 5.

PLANETS BRIGHTEST.

MERCURY, March 1-5, *setting shortly after the sun;* also Aug. 24 to Sept. 3, *rising shortly before the sun.* VENUS, June 1 and Oct. 14. MARS, not this year, but very bright at the close of the year. JUPITER, May 27. SATURN, June 23. URANUS, June 1. NEPTUNE, Dec. 19.

MOVABLE FEASTS.

Septuagesima Sun.	Feb. 11	Low Sunday	Apr. 22
Sexagesima " ... "	18	Rogation Sunday	May 20
Quinquagesima " ... "	25	Ascension Thursday.	" 24
Ash Wednesday ..... "	28	Whit-Sunday (Pent.)	June 3
Quadragesima Sun.	Mar. 4	Trinity "	" 10
Mid-Lent " ... "	25	Corpus Christi.....	" 14
Palm Sunday	Apr. 8	Michaelmas.....	Sept. 29
Good Friday	" 13	Advent Sunday	Dec. 2
Easter Sunday.....	" 15	Christmas Day.....	" 25

CHRONOLOGICAL CYCLES.

Dominical Letter.....	G	Roman Indiction	13
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JANUARY 1900

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
New Moon... 1 D.	8 h. 52 m.	7 h. 52 m.	6 h. 52 m.
First Quarter. 8 D.	0 h. 40 m.	11 h. 40 (7)	10 h. 40 (7)
Full Moon...15 D.	2 h. 7 m.	1 h. 7 m.	0 h. 7 m.
Last Quarter 23 D.	6 h. 53 m.	5 h. 53 m.	4 h. 53 m.
New Moon...30 D.	8 h. 22 m.	7 h. 22 m.	6 h. 22 m.

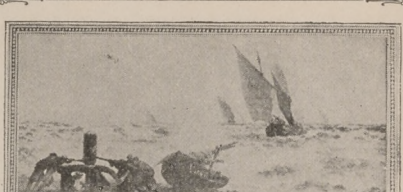
New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard.
7 25	4 43	5 8	8 26	1	M.	7 30	4 38	5 4	11 31
7 25	4 44	6 24	9 18	2	Tu.	7 30	4 39	6 20	morn.
7 25	4 45	7 39	10 9	3	W.	7 30	4 40	7 36	20
7 25	4 46	8 53	10 52	4	Th.	7 30	4 41	8 52	1 11
7 25	4 47	10 6	11 41	5	Fr.	7 30	4 42	10 6	1 58
7 25	4 48	11 18	morn.	6	Sa.	7 29	4 43	11 19	2 44
7 25	4 49	morn.	32	7	S.	7 29	4 44	morn.	3 34
7 24	4 50	27	1 26	8	M.	7 29	4 45	29	4 27
7 24	4 51	1 35	2 26	9	Tu.	7 29	4 46	1 39	5 28
7 24	4 52	2 42	3 27	10	W.	7 29	4 47	2 47	6 29
7 24	4 53	3 46	4 31	11	Th.	7 29	4 48	3 51	7 34
7 23	4 54	4 45	5 32	12	Fr.	7 28	4 50	4 50	8 35
7 23	4 55	5 38	6 28	13	Sa.	7 28	4 51	5 43	9 30
7 23	4 56	6 24	7 17	14	S.	7 28	4 52	6 29	10 20
7 22	4 57	rises	7 59	15	M.	7 27	4 53	rises	11 4
7 22	4 59	6 8	8 41	16	Tu.	7 27	4 54	6 5	11 44
7 21	5 0	7 8	9 20	17	W.	7 26	4 55	7 6	ev. 22
7 21	5 1	8 5	9 57	18	Th.	7 26	4 56	8 4	59
7 21	5 2	9 2	10 33	19	Fr.	7 25	4 58	9 2	1 37
7 20	5 3	10 0	11 7	20	Sa.	7 24	4 59	10 1	2 12
7 19	5 4	10 58	11 46	21	S.	7 24	5 0	11 0	2 49
7 18	5 5	11 58	ev. 28	22	M.	7 23	5 1	morn.	3 30
7 17	5 7	morn.	1 16	23	Tu.	7 22	5 3	1	4 17
7 17	5 8	1 0	2 9	24	W.	7 22	5 4	1 4	5 11
7 16	5 9	2 3	3 8	25	Th.	7 21	5 5	2 7	6 10
7 16	5 10	3 8	4 11	26	Fr.	7 20	5 6	3 12	7 17
7 15	5 11	4 7	5 18	27	Sa.	7 19	5 8	4 12	8 21
7 14	5 13	5 4	6 22	28	S.	7 18	5 9	5 8	9 24
7 13	5 14	5 54	7 19	29	M.	7 17	5 10	5 58	10 22
7 12	5 15	6 38	8 9	30	Tu.	7 16	5 12	6 41	11 14
7 12	5 16	7 15	8 59	31	W.	7 15	5 13	7 18	morn.

Heavy figures, 12 noon to 12 midnight.

FEBRUARY 1900

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
First Quarter. 6 D.	11 h. 23 m.	10 h. 23 m.	9 h. 23 m.
Full Moon...14 D.	8 h. 50 m.	7 h. 50 m.	6 h. 50 m.
Last Quarter 22 D.	11 h. 44 m.	10 h. 44 m.	9 h. 44 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard.
7 11	5 18	7 38	9 45	1	Th.	7 14	5 14	7 37	1
7 10	5 19	8 58	10 31	2	Fr.	7 13	5 15	8 59	47
7 9	5 20	10 12	11 15	3	Sa.	7 12	5 16	10 14	1 35
7 7	5 21	11 24	morn.	4	S.	7 11	5 18	11 27	2 21
7 6	5 22	morn.	8	5	M.	7 10	5 19	morn.	3 11
7 5	5 23	33	1 4	6	Tu.	7 9	5 21	37	4 5
7 4	5 25	1 38	2 1	7	W.	7 8	5 22	1 43	5 3
7 3	5 26	2 39	3 7	8	Th.	7 6	5 23	2 44	6 9
7 2	5 27	3 35	4 13	9	Fr.	7 5	5 24	3 40	7 16
7 1	5 28	4 22	5 14	10	Sa.	7 4	5 25	4 28	8 17
7 0	5 30	5 5	6 6	11	S.	7 2	5 26	5 9	9 8
6 58	5 31	5 40	6 54	12	M.	7 1	5 28	5 44	9 56
6 57	5 32	6 11	7 34	13	Tu.	7 0	5 29	6 14	10 39
6 56	5 34	rises	8 9	14	W.	6 59	5 30	rises	11 15
6 55	5 35	6 55	8 49	15	Th.	6 57	5 32	6 55	11 52
6 53	5 36	7 53	9 24	16	Fr.	6 56	5 33	7 53	ev. 26
6 52	5 37	8 50	9 59	17	Sa.	6 54	5 35	8 51	1 1
6 51	5 39	9 49	10 31	18	S.	6 53	5 36	9 52	1 37
6 49	5 40	10 49	11 11	19	M.	6 52	5 38	10 53	2 18
6 48	5 41	11 51	11 54	20	Tu.	6 50	5 39	11 55	2 57
6 46	5 43	morn.	ev. 43	21	W.	6 48	5 40	morn.	3 44
6 45	5 44	52	1 39	22	Th.	6 47	5 42	57	4 40
6 44	5 45	1 51	2 43	23	Fr.	6 45	5 43	1 56	5 45
6 42	5 46	2 49	3 48	24	Sa.	6 44	5 45	2 54	6 51
6 41	5 48	3 40	4 55	25	S.	6 42	5 46	3 45	8 0
6 39	5 49	4 25	6 0	26	M.	6 41	5 47	4 30	9 2
6 38	5 50	5 6	6 57	27	Tu.	6 39	5 49	5 9	9 59
6 37	5 51	5 42	7 44	28	W.	6 38	5 50	5 44	10 50



MARCH 1900

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
New Moon... 1 D.	6 h. 25 m.	5 h. 25 m.	4 h. 25 m.
First Quarter. 8 D.	0 h. 34 m.	11 h. 34 (7)	10 h. 34 (7)
Full Moon...16 D.	3 h. 12 m.	2 h. 12 m.	1 h. 12 m.
Last Quarter 24 D.	0 h. 36 m.	11 h. 36(23)	10 h. 36(23)
New Moon...30 D.	3 h. 30 m.	2 h. 30 m.	1 h. 30 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard.
6 35	5 53	6 31	8 33	1	Th.	6 36	5 51	6 31	11 38
6 34	5 53	7 49	9 21	2	Fr.	6 35	5 52	7 49	morn.
6 32	5 54	9 1	10 6	3	Sa.	6 33	5 53	9 4	23
6 30	5 55	10 14	10 53	4	S.	6 31	5 54	10 17	1 11
6 29	5 56	11 25	11 46	5	M.	6 30	5 55	11 29	1 59
6 27	5 57	morn.	morn.	6	Tu.	6 28	5 56	morn.	2 49
6 25	5 58	29	42	7	W.	6 26	5 57	35	3 43
6 24	5 59	1 28	1 42	8	Th.	6 25	5 58	1 33	4 43
6 22	6 0	2 21	2 46	9	Fr.	6 23	5 59	2 25	5 48
6 21	6 1	3 3	3 46	10	Sa.	6 21	6 0	3 8	6 49
6 19	6 2	3 42	4 43	11	S.	6 20	6 2	3 46	7 46
6 17	6 3	4 14	5 37	12	M.	6 18	6 3	4 17	8 40
6 16	6 4	4 42	6 23	13	Tu.	6 16	6 4	4 43	9 25
6 14	6 5	5 9	7 4	14	W.	6 14	6 5	5 10	10 6
6 12	6 6	5 33	7 39	15	Th.	6 13	6 6	5 33	10 44
6 11	6 8	rises	8 12	16	Fr.	6 11	6 7	rises	11 18
6 9	6 9	7 43	8 51	17	Sa.	6 9	6 9	7 45	11 55
6 7	6 10	8 41	9 28	18	S.	6 7	6 10	8 44	ev. 30
6 6	6 11	9 42	10 6	19	M.	6 6	6 11	9 46	1 8
6 4	6 12	10 43	10 44	20	Tu.	6 4	6 12	10 47	1 50
6 2	6 13	11 42	11 28	21	W.	6 2	6 13	11 48	2 38
6 1	6 14	morn.	ev. 20	22	Th.	6 0	6 14	morn.	3 22
5 59	6 15	38	1 18	23	Fr.	5 59	6 15	43	4 19
5 58	6 16	1 31	2 20	24	Sa.	5 57	6 16	1 36	5 22
5 56	6 17	2 17	3 27	25	S.	5 55	6 17	2 21	6 29
5 54	6 18	2 58	4 34	26	M.	5 53	6 18	3 1	7 37
5 52	6 19	3 35	5 35	27	Tu.	5 52	6 19	3 38	8 38
5 51	6 20	4 9	6 32	28	W.	5 50	6 20	4 10	9 34
5 49	6 21	4 43	7 22	29	Th.	5 48	6 21	4 43	10 26
5 47	6 22	5 16	8 9	30	Fr.	5 46	6 22	5 15	11 14
5 45	6 23	5 52	8 57	31	Sa.	5 44	6 23	5 50	11 59

APRIL 1900

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
First Quarter. 6 D.	3 h. 54 m.	2 h. 54 m.	1 h. 54 m.
Full Moon...14 D.	8 h. 2 m.	7 h. 2 m.	6 h. 2 m.
Last Quarter 22 D.	9 h. 33 m.	8 h. 33 m.	7 h. 33 m.
New Moon...29 D.	0 h. 23 m.	11 h. 23(28)	10 h. 23(28)

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.	—	—	Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard.
5 44	6 24	9 2	9 46	1	S.	5 43	6 25	9 6	morn.
5 42	6 26	10 11	10 32	2	M.	5 41	6 27	10 15	48
5 41	6 27	11 15	11 24	3	Tu.	5 40	6 28	11 19	1 38
5 39	6 28	morn.	morn.	4	W.	5 38	6 29	morn.	2 32
5 37	6 29	12	21	5	Th.	5 36	6 30	16	3 23
5 36	6 30	58	1 18	6	Fr.	5 35	6 31	1 3	4 19
5 34	6 31	1 38	2 15	7	Sa.	5 33	6 32	1 43	5 17
5 33	6 32	2 14	3 11	8	S.	5 31	6 33	2 18	6 13
5 31	6 33	2 44	4 5	9	M.	5 30	6 34	2 46	7 8
5 30	6 34	3 10	4 55	10	Tu.	5 28	6 36	3 11	7 59
5 28	6 35	3 36	5 42	11	W.	5 26	6 37	3 37	8 45
5 26	6 36	4 1	6 25	12	Th.	5 25	6 38	4 1	9 27
5 25	6 37	4 27	7 6	13	Fr.	5 23	6 39	4 26	10 8
5 24	6 38	rises	7 42	14	Sa.	5 21	6 40	rises	10 47
5 22	6 39	7 35	8 18	15	S.	5 20	6 41	7 39	11 24
5 20	6 40	8 36	9 1	16	M.	5 18	6 42	8 41	ev. 3
5 19	6 41	9 37	9 42	17	Tu.	5 16	6 43	9 42	44
5 17	6 42	10 35	10 25	18	W.	5 15	6 45	10 39	1 29
5 16	6 43	11 27	11 12	19	Th.	5 13	6 46	11 33	2 17
5 14	6 44	morn.	ev. 5	20	Fr.	5 12	6 47	morn.	3 8
5 13	6 45	13	1 2	21	Sa.	5 10	6 48	17	4 3
5 11	6 46	56	2 0	22	S.	5 9	6 49	59	5 2
5 10	6 47	1 32	3 5	23	M.	5 7	6 50	1 35	6 7
5 8	6 48	2 9	4 7	24	Tu.	5 6	6 51	2 10	7 10
5 7	6 49	2 41	5 8	25	W.	5 4	6 52	2 42	8 11
5 6	6 50	3 12	6 5	26	Th.	5 3	6 53	3 11	9 7
5 4	6 51	3 35	6 59	27	Fr.	5 1	6 55	3 33	10 1
5 3	6 52	4 21	7 45	28	Sa.	5 0	6 56	4 18	10 51
5 2	6 53	sets	8 37	29	S.	4 58	6 57	sets	11 42
5 0	6 55	8 55	9 28	30	M.	4 57	6 58	9 0	morn.

MAY 1900

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
First Quarter. 6 D.	8 h. 39 m.	7 h. 39 m.	6 h. 39 m.
Full Moon...14 D.	10 h. 36 m.	9 h. 36 m.	8 h. 36 m.
Last Quarter 21 D.	3 h. 31 m.	2 h. 31 m.	1 h. 31 m.
New Moon...28 D.	9 h. 50 m.	8 h. 50 m.	7 h. 50 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard.
4 59	6 56	9 57	10 17	1	Tu.	4 56	7 0	10 1	30
4 58	6 57	10 49	11 4	2	W.	4 54	7 1	10 54	1 20
4 56	6 58	11 34	11 55	3	Th.	4 53	7 2	11 39	2 9
4 55	6 59	morn.	morn.	4	Fr.	4 52	7 3	morn.	2 58
4 54	7 0	12	46	5	Sa.	4 51	7 4	16	3 47
4 53	7 1	44	1 38	6	S.	4 49	7 5	47	4 39
4 52	7 2	1 13	2 29	7	M.	4 48	7 6	1 15	5 31
4 51	7 3	1 39	3 20	8	Tu.	4 47	7 7	1 40	6 22
4 49	7 4	2 4	4 7	9	W.	4 46	7 8	2 4	7 10
4 48	7 5	2 29	4 55	10	Th.	4 44	7 9	2 28	7 59
4 47	7 6	2 55	5 43	11	Fr.	4 43	7 10	2 53	8 46
4 46	7 7	3 24	6 29	12	Sa.	4 42	7 11	3 21	9 31
4 45	7 8	3 56	7 12	13	S.	4 41	7 12	3 52	10 15
4 44	7 9	rises	7 53	14	M.	4 40	7 13	rises	10 59
4 43	7 10	8 27	8 42	15	Tu.	4 39	7 14	8 33	11 44
4 42	7 11	9 22	9 25	16	W.	4 38	7 15	9 28	ev. 27
4 41	7 12	10 13	10 11	17	Th.	4 37	7 16	10 17	1 14
4 40	7 13	10 56	10 58	18	Fr.	4 36	7 17	11 0	2 3
4 39	7 14	11 34	11 50	19	Sa.	4 35	7 18	11 37	2 53
4 39	7 15	morn.	ev. 44	20	S.	4 34	7 19	morn.	3 45
4 38	7 16	8	1 40	21	M.	4 33	7 20	10	4 41
4 37	7 17	40	2 38	22	Tu.	4 32	7 21	41	5 40
4 36	7 18	1 12	3 41	23	W.	4 31	7 22	1 12	6 44
4 36	7 19	1 43	4 40	24	Th.	4 31	7 23	1 41	7 45
4 35	7 20	2 17	5 41	25	Fr.	4 30	7 24	2 15	8 44
4 34	7 20	2 55	6 38	26	Sa.	4 29	7 25	2 52	9 40
4 34	7 21	3 38	7 31	27	S.	4 29	7 26	3 34	10 35
4 33	7 22	sets	8 18	28	M.	4 28	7 27	sets	11 24
4 32	7 23	8 36	9 11	29	Tu.	4 27	7 28	8 42	morn.
4 32	7 23	9 25	9 57	30	W.	4 27	7 28	9 30	12
4 31	7 24	10 8	10 40	31	Th.	4 26	7 29	10 12	59

JUNE 1900

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
First Quarter. 5 D.	1 h. 58 m.	0 h. 58 m.	11 h. 58 (4)
Full Moon ... 12 D.	10 h. 38 m.	9 h. 38 m.	8 h. 38 m.
Last Quarter 19 D.	7 h. 57 m.	6 h. 57 m.	5 h. 57 m.
New Moon... 26 D.	8 h. 27 m.	7 h. 27 m.	6 h. 27 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.	—	—	Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard.
4 31	7 24	10 42	11 24	1	Fr.	4 25	7 30	10 46	1 46
4 30	7 25	11 13	morn.	2	Sa.	4 25	7 30	11 16	2 30
4 30	7 26	11 41	10	3	S.	4 25	7 31	11 43	3 13
4 30	7 26	morn.	54	4	M.	4 24	7 32	morn.	3 55
4 29	7 27	6	1 41	5	Tu.	4 24	7 32	6	4 42
4 29	7 28	31	2 29	6	W.	4 24	7 33	30	5 31
4 29	7 28	57	3 19	7	Th.	4 23	7 33	55	6 21
4 29	7 29	1 24	4 8	8	Fr.	4 23	7 34	1 21	7 11
4 28	7 30	1 54	5 0	9	Sa.	4 23	7 35	1 51	7 54
4 28	7 30	2 29	5 54	10	S.	4 23	7 36	2 24	8 56
4 28	7 31	3 8	6 44	11	M.	4 22	7 36	3 3	9 46
4 28	7 31	rises	7 32	12	Tu.	4 22	7 37	rises	10 37
4 28	7 32	8 8	8 19	13	W.	4 22	7 37	8 13	11 25
4 28	7 32	8 54	9 11	14	Th.	4 22	7 38	8 59	ev. 12
4 28	7 32	9 33	9 58	15	Fr.	4 22	7 38	9 36	1 0
4 28	7 33	10 10	10 44	16	Sa.	4 22	7 38	10 12	1 42
4 28	7 33	10 43	11 31	17	S.	4 22	7 39	10 44	2 35
4 28	7 33	11 15	ev. 23	18	M.	4 22	7 39	11 15	3 25
4 28	7 34	11 45	1 18	19	Tu.	4 22	7 39	11 44	4 18
4 29	7 34	morn.	2 14	20	W.	4 23	7 40	morn.	5 16
4 29	7 34	18	3 14	21	Th.	4 23	7 40	16	6 16
4 29	7 34	54	4 19	22	Fr.	4 23	7 40	50	7 22
4 29	7 34	1 34	5 13	23	Sa.	4 23	7 40	1 29	8 26
4 29	7 34	2 19	6 22	24	S.	4 23	7 40	2 14	9 24
4 30	7 35	3 0	7 16	25	M.	4 24	7 41	3 5	10 19
4 30	7 35	4 8	8 3	26	Tu.	4 24	7 41	4 2	11 8
4 30	7 35	sets	8 51	27	W.	4 24	7 41	sets	11 54
4 31	7 35	8 40	9 34	28	Th.	4 25	7 40	8 44	morn.
4 31	7 35	9 14	10 14	29	Fr.	4 25	7 40	9 16	36
4 32	7 35	9 42	10 51	30	Sa.	4 26	7 40	9 44	1 17

JULY 1900

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
First Quarter. 4 D.	7 h. 13 m.	6 h. 13 m.	5 h. 13 m.
Full Moon ... 12 D.	8 h. 22 m.	7 h. 22 m.	6 h. 22 m.
Last Quarter 19 D.	0 h. 31 m.	11 h. 31(18)	10 h. 31(18)
New Moon ... 26 D.	8 h. 43 m.	7 h. 43 m.	6 h. 43 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard.
4 32	7 35	10 7	11 30	1	S.	4 26	7 40	10 9	1 57
4 32	7 35	10 34	morn.	2	M.	4 26	7 40	10 34	2 34
4 33	7 34	10 59	12	3	Tu.	4 27	7 40	10 57	3 14
4 33	7 34	11 25	54	4	W.	4 28	7 40	11 23	3 55
4 34	7 34	11 53	1 41	5	Th.	4 29	7 39	11 50	4 42
4 35	7 34	morn.	2 31	6	Fr.	4 29	7 39	morn.	5 33
4 35	7 33	24	3 25	7	Sa.	4 30	7 39	21	6 27
4 36	7 33	1 2	4 23	8	S.	4 30	7 38	58	7 26
4 37	7 33	1 47	5 24	9	M.	4 31	7 38	1 42	8 27
4 37	7 32	2 37	6 21	10	Tu.	4 32	7 38	2 33	9 23
4 38	7 32	3 40	7 15	11	W.	4 33	7 37	3 35	10 18
4 39	7 31	rises	8 3	12	Th.	4 33	7 37	rises	11 8
4 39	7 31	8 10	8 53	13	Fr.	4 34	7 36	8 13	11 55
4 40	7 30	8 45	9 42	14	Sa.	4 35	7 36	8 47	ev. 44
4 41	7 30	9 17	10 25	15	S.	4 36	7 35	9 17	1 29
4 42	7 29	9 50	11 11	16	M.	4 37	7 34	9 49	2 16
4 43	7 29	10 21	ev. 1	17	Tu.	4 37	7 34	10 20	3 4
4 44	7 28	10 56	53	18	W.	4 38	7 33	10 53	3 54
4 44	7 27	11 34	1 52	19	Th.	4 39	7 32	11 31	4 54
4 45	7 26	morn.	2 55	20	Fr.	4 40	7 31	morn.	5 57
4 46	7 26	17	4 2	21	Sa.	4 41	7 30	13	7 5
4 47	7 25	1 5	5 7	22	S.	4 42	7 30	1 0	8 0
4 48	7 24	2 0	6 6	23	M.	4 43	7 29	1 54	9 8
4 48	7 23	2 58	7 0	24	Tu.	4 44	7 28	2 53	10 2
4 49	7 23	3 57	7 45	25	W.	4 45	7 27	3 53	10 50
4 50	7 22	sets	8 25	26	Th	4 46	7 26	sets	11 29
4 51	7 21	7 44	9 6	27	Fr.	4 47	7 25	7 46	morn.
4 52	7 20	8 12	9 42	28	Sa.	4 48	7 24	8 13	7
4 53	7 19	8 36	10 19	29	S.	4 49	7 23	8 36	44
4 54	7 18	9 2	10 52	30	M.	4 50	7 22	9 1	1 22
4 55	7 17	9 26	11 31	31	Tu.	4 51	7 21	9 25	1 58

AUGUST 1900

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
First Quarter. 3 D.	11 h. 45 m.	10 h. 45 m.	9 h. 45 m.
Full Moon...10 D.	4 h. 30 m.	3 h. 30 m	2 h. 30 m.
Last Quarter 17 D.	6 h. 46 m.	5 h. 46 m.	4 h. 46 m.
New Moon...24 D.	10 h. 52 m.	9 h. 52 m.	8 h. 52 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard.
4 56	7 16	9 55	morn.	1	W.	4 52	7 20	9 52	2 35
4 57	7 14	10 14	13	2	Th.	4 53	7 18	10 11	3 15
4 58	7 13	10 58	1 0	3	Fr.	4 54	7 17	10 54	4 1
4 59	7 12	11 39	1 50	4	Sa.	4 55	7 16	11 34	4 52
5 0	7 11	morn.	2 49	5	S.	4 56	7 15	morn.	5 51
5 1	7 10	25	3 50	6	M.	4 57	7 14	21	6 53
5 2	7 9	1 26	4 55	7	Tu.	4 58	7 12	1 18	7 59
5 3	7 7	2 25	5 58	8	W.	4 59	7 11	2 21	9 0
5 4	7 6	3 34	6 55	9	Th.	5 0	7 10	3 31	9 57
5 5	7 5	rises	7 45	10	Fr.	5 1	7 8	rises	10 50
5 6	7 4	7 16	8 32	11	Sa.	5 2	7 7	7 17	11 37
5 7	7 2	7 49	9 19	12	S.	5 3	7 6	7 49	ev. 21
5 8	7 1	8 23	10 7	13	M.	5 4	7 4	8 22	1 9
5 9	7 0	8 58	10 49	14	Tu.	5 5	7 3	8 55	1 55
5 10	6 58	9 34	11 40	15	W.	5 6	7 1	9 31	2 44
5 11	6 57	10 17	ev. 34	16	Th.	5 7	7 0	10 12	3 36
5 12	6 55	11 5	1 36	17	Fr.	5 8	6 58	11 0	4 37
5 13	6 54	11 57	2 42	18	Sa.	5 10	6 57	11 51	5 44
5 14	6 53	morn.	3 46	19	S.	5 11	6 55	morn.	6 49
5 15	6 51	51	4 49	20	M.	5 12	6 54	46	7 53
5 16	6 50	1 50	5 46	21	Tu.	5 13	6 52	1 45	8 49
5 17	6 48	2 50	6 37	22	W.	5 14	6 51	2 46	9 39
5 17	6 47	3 51	7 20	23	Th.	5 15	6 49	3 48	10 23
5 18	6 45	4 52	7 59	24	Fr.	5 16	6 48	4 50	11 5
5 19	6 44	sets	8 33	25	Sa.	5 17	6 46	sets	11 38
5 20	6 42	7 7	9 11	26	S.	5 18	6 44	7 7	morn.
5 21	6 41	7 32	9 45	27	M.	5 19	6 43	7 31	12
5 22	6 39	7 59	10 19	28	Tu.	5 20	6 41	7 57	47
5 23	6 37	8 27	10 57	29	W.	5 21	6 39	8 24	1 23
5 24	6 36	9 0	11 39	30	Th.	5 22	6 38	8 56	2 3
5 25	6 34	9 36	morn.	31	Fr.	5 23	6 36	9 32	2 43

SEPTEMBER 1900

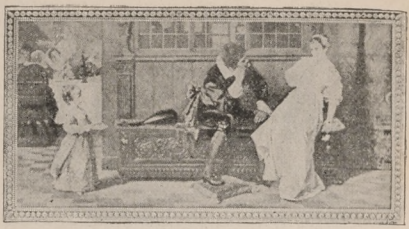
MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
First Quarter. 2 D.	2 h. 56 m.	1 h. 56 m.	0 h. 56 m.
Full Moon... 9 D.	0 h. 6 m.	11 h. 6 (8)	10 h. 6 (8)
Last Quarter 15 D.	3 h. 57 m.	2 h. 57 m.	1 h. 57 m.
New Moon...23 D.	2 h. 57 m.	1 h. 57 m.	0 h. 57 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard.
5 26	6 33	10 20	26	1	Sa.	5 24	6 35	10 15	3 28
5 27	6 31	11 11	1 20	2	S.	5 26	6 33	11 6	4 21
5 28	6 29	morn.	2 18	3	M.	5 27	6 31	morn.	5 20
5 29	6 28	8	3 24	4	Tu.	5 28	6 29	3	6 34
5 30	6 26	1 12	4 30	5	W.	5 29	6 28	1 8	7 33
5 31	6 25	2 22	5 33	6	Th.	5 30	6 26	2 19	8 36
5 32	6 23	3 35	6 31	7	Fr.	5 31	6 24	3 32	9 33
5 33	6 21	4 39	7 22	8	Sa.	5 32	6 22	4 37	10 26
5 34	6 20	rises	8 9	9	S.	5 33	6 21	rises	11 14
5 35	6 18	6 55	8 56	10	M.	5 34	6 19	6 53	11 58
5 36	6 16	7 32	9 44	11	Tu.	5 35	6 17	7 29	ev. 46
5 37	6 15	8 13	10 40	12	W.	5 36	6 15	8 9	1 36
5 38	6 13	9 1	11 21	13	Th.	5 37	6 14	8 56	2 37
5 39	6 11	9 51	ev. 19	14	Fr.	5 38	6 12	9 46	3 21
5 40	6 9	10 47	1 19	15	Sa.	5 39	6 10	10 42	4 20
5 41	6 8	11 45	2 20	16	S.	5 40	6 8	11 41	5 22
5 42	6 6	morn.	3 24	17	M.	5 41	6 7	morn.	6 26
5 43	6 4	45	4 23	18	Tu.	5 43	6 5	41	7 26
5 44	6 3	1 45	5 16	19	W.	5 44	6 3	1 42	8 19
5 45	6 1	2 43	6 4	20	Th.	5 45	6 1	2 40	9 6
5 46	5 59	3 42	6 47	21	Fr.	5 46	6 0	3 41	9 49
5 47	5 58	4 40	7 26	22	Sa.	5 47	5 58	4 40	10 30
5 48	5 56	5 36	7 59	23	S.	5 48	5 56	5 36	11 4
5 49	5 55	sets	8 36	24	M.	5 49	5 54	sets	11 42
5 50	5 53	6 31	9 15	25	Tu.	5 50	5 53	6 28	morn.
5 51	5 52	7 0	9 52	26	W.	5 51	5 51	6 57	16
5 52	5 50	7 38	10 31	27	Th.	5 52	5 49	7 34	54
5 53	5 48	8 18	11 11	28	Fr.	5 53	5 47	8 14	1 35
5 54	5 46	9 6	morn.	29	Sa.	5 54	5 46	9 1	2 17
5 54	5 44	9 59	2	30	S.	5 56	5 44	9 54	3 5

OCTOBER 1900

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
First Quarter. 1 D.	4 h. 10 m.	3 h. 10 m.	2 h. 10 m.
Full Moon ... 8 D.	8 h. 18 m.	7 h. 18 m.	6 h. 18 m.
Last Quarter 15 D.	4 h. 51 m.	3 h. 51 m.	2 h. 51 m.
New Moon...23 D.	8 h. 27 m.	7 h. 27 m.	6 h. 27 m.
First Quarter.31 D.	3 h. 17 m.	2 h. 17 m.	1 h. 17 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard.
5 56	5 43	10 59	55	1	M.	5 57	5 42	10 54	3 56
5 57	5 41	morn.	1 54	2	Tu.	5 58	5 40	12 0	4 56
5 58	5 39	4	2 56	3	W.	5 59	5 39	morn.	5 58
5 59	5 38	1 12	4 2	4	Th.	6 0	5 37	1 9	7 5
6 0	5 36	2 24	5 5	5	Fr.	6 1	5 35	2 22	8 8
6 1	5 35	3 35	6 2	6	Sa.	6 2	5 33	3 34	9 4
6 2	5 33	4 50	6 57	7	S.	6 3	5 32	4 51	10 1
6 3	5 31	rises	7 46	8	M.	6 4	5 30	rises	10 51
6 4	5 30	6 5	8 34	9	Tu.	6 6	5 28	6 2	11 39
6 5	5 28	6 51	9 25	10	W.	6 7	5 27	6 46	ev. 27
6 7	5 27	7 44	10 15	11	Th.	6 8	5 25	7 39	1 18
6 8	5 25	8 38	11 6	12	Fr.	6 9	5 23	8 33	2 11
6 9	5 23	9 38	ev. 1	13	Sa.	6 10	5 22	9 33	3 4
6 10	5 22	10 38	59	14	S.	6 11	5 20	10 33	4 0
6 11	5 20	11 37	1 54	15	M.	6 13	5 19	11 33	4 56
6 12	5 19	morn.	2 51	16	Tu.	6 14	5 17	morn.	5 53
6 13	5 17	38	3 46	17	W.	6 15	5 15	36	6 49
6 14	5 16	1 36	4 37	18	Th.	6 16	5 14	1 35	7 40
6 15	5 14	2 33	5 26	19	Fr.	6 17	5 12	2 33	8 29
6 16	5 13	3 25	6 10	20	Sa.	6 18	5 11	3 25	9 2
6 18	5 12	4 27	6 50	21	S.	6 20	5 9	4 28	9 52
6 19	5 10	5 25	7 30	22	M.	6 21	5 8	5 27	10 34
6 20	5 9	6 23	8 6	23	Tu.	6 22	5 6	6 26	11 11
6 21	5 7	sets	8 47	24	W.	6 23	5 5	sets	11 50
6 22	5 6	6 18	9 28	25	Th.	6 24	5 3	6 14	morn.
6 23	5 4	7 3	10 9	26	Fr.	6 26	5 2	6 58	31
6 24	5 3	7 55	10 53	27	Sa.	6 27	5 1	7 50	1 12
6 26	5 2	8 52	11 42	28	S.	6 28	4 59	8 48	1 59
6 27	5 1	9 54	morn.	29	M.	6 29	4 57	9 50	2 45
6 28	4 59	10 59	34	30	Tu.	6 31	4 57	10 56	3 36
6 29	4 58	morn.	1 32	31	W.	6 32	4 55	morn.	4 33



NOVEMBER 1900

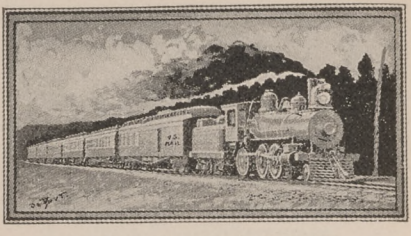
MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Full Moon ... 6 D.	6 h. 0 m.	5 h. 0 m.	4 h. 0 m.
Last Quarter 13 D.	9 h. 37 m.	8 h. 37 m.	7 h. 37 m.
New Moon...22 D.	2 h. 17 m.	1 h. 17 m.	0 h. 17 m.
First Quarter.29 D.	0 h. 35 m.	11 h. 35 m.	10 h. 35 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill.				D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon.			
MEAN TIME.			STAN. TIME.			MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard.
6 30	4 57	6	2 30	1	Th.	6 33	4 54	4	5 32
6 31	4 56	1 16	3 31	2	Fr.	6 34	4 53	1 15	6 33
6 32	4 54	2 25	4 32	3	Sa.	6 36	4 51	2 25	7 36
6 34	4 53	3 39	5 33	4	S.	6 37	4 50	3 40	8 36
6 35	4 52	4 53	6 31	5	M.	6 38	4 49	4 55	9 33
6 36	4 51	6 7	7 24	6	Tu.	6 39	4 48	6 11	10 28
6 37	4 50	rises	8 12	7	W.	6 41	4 47	rises	11 18
6 38	4 49	6 24	9 9	8	Th.	6 42	4 45	6 19	ev. 9
6 40	4 48	7 23	9 59	9	Fr.	6 43	4 44	7 18	1 1
6 41	4 47	8 25	10 46	10	Sa.	6 44	4 43	8 20	1 52
6 42	4 46	9 26	11 38	11	S.	6 46	4 42	9 23	2 42
6 43	4 45	10 28	ev. 28	12	M.	6 47	4 41	10 25	3 30
6 44	4 44	11 27	1 20	13	Tu.	6 48	4 40	11 25	4 21
6 46	4 43	morn.	2 10	14	W.	6 49	4 39	morn.	5 12
6 47	4 42	26	3 2	15	Th.	6 51	4 39	25	6 4
6 48	4 41	1 22	3 46	16	Fr.	6 52	4 38	1 22	6 52
6 49	4 40	2 20	4 39	17	Sa.	6 53	4 37	2 21	7 42
6 50	4 39	3 16	5 28	18	S.	6 54	4 36	3 18	8 31
6 51	4 39	4 14	6 14	19	M.	6 56	4 35	4 17	9 16
6 53	4 38	5 14	6 59	20	Tu.	6 57	4 34	5 17	10 1
6 54	4 38	6 11	7 40	21	W.	6 58	4 34	6 15	10 45
6 55	4 37	sets	8 22	22	Th.	6 59	4 33	sets	11 28
6 56	4 36	5 51	9 9	23	Fr.	7 0	4 32	5 46	morn.
6 57	4 36	6 47	9 54	24	Sa.	7 2	4 32	6 42	10
6 58	4 35	7 48	10 36	25	S.	7 3	4 31	7 43	56
6 59	4 35	8 52	11 23	26	M.	7 4	4 31	8 48	1 42
7 0	4 35	9 57	morn.	27	Tu.	7 5	4 30	9 55	2 29
7 2	4 34	11 5	14	28	W.	7 6	4 30	11 4	3 16
7 3	4 34	morn.	1 7	29	Th.	7 7	4 30	morn.	4 8
7 4	4 34	13	2 1	30	Fr.	7 8	4 29	13	5 3

DECEMBER 1900

MOON'S PHASES.	East. Time.	Cent. Time.	West. Time.
Full Moon ... 6 D.	5 h. 38 m.	4 h. 38 m.	3 h. 38 m.
Last Quarter 13 D.	5 h. 42 m.	4 h. 42 m.	3 h. 42 m.
New Moon...21 D.	7 h. 1 m.	6 h. 1 m.	5 h. 1 m.
First Quarter.28 D.	8 h. 48 m.	7 h. 48 m.	6 h. 48 m.

New-York City, Phila., Conn., New Jersey, Penn., O., Ind., and Ill. MEAN TIME.			STAN. TIME.	D. OF MO.	D. OF WK.	Boston, New England, New-York, Mich., Wis., Iowa, and Oregon. MEAN TIME.			STAN. TIME.
Sun rises	Sun sets	Moon sets	H. W. N. Y. Gov. Is.			Sun rises	Sun sets	Moon sets	H. W. Boston. N. Yard.
7 5	4 34	1 23	3 4	1	Sa.	7 10	4 29	1 24	6 6
7 6	4 33	2 33	4 4	2	S.	7 11	4 29	2 35	7 7
7 7	4 33	3 45	5 8	3	M.	7 12	4 28	3 48	8 11
7 8	4 33	4 57	6 10	4	Tu.	7 13	4 28	5 1	9 12
7 9	4 32	6 7	7 6	5	W.	7 14	4 28	6 11	10 9
7 10	4 32	rises	7 57	6	Th.	7 15	4 28	rises	11 2
7 11	4 32	6 5	8 51	7	Fr.	7 16	4 28	6 1	11 54
7 12	4 32	7 8	9 40	8	Sa.	7 17	4 28	7 4	ev. 42
7 13	4 32	8 13	10 24	9	S.	7 17	4 28	8 9	1 28
7 14	4 32	9 12	11 9	10	M.	7 18	4 28	9 10	2 14
7 15	4 32	10 14	11 53	11	Tu.	7 19	4 28	10 12	2 55
7 15	4 32	11 12	ev. 38	12	W.	7 20	4 28	11 11	3 40
7 16	4 33	morn.	1 22	13	Th.	7 21	4 28	morn.	4 25
7 16	4 33	9	2 12	14	Fr.	7 22	4 28	9	5 14
7 17	4 33	1 6	3 2	15	Sa.	7 22	4 29	1 7	6 4
7 18	4 33	2 3	3 54	16	S.	7 23	4 29	2 6	6 57
7 18	4 33	3 2	4 46	17	M.	7 24	4 29	3 5	8 0
7 19	4 34	4 0	5 38	18	Tu.	7 24	4 29	4 4	8 41
7 20	4 34	4 58	6 29	19	W.	7 25	4 30	5 3	9 31
7 20	4 35	5 56	7 18	20	Th.	7 26	4 30	6 1	10 21
7 21	4 35	6 50	8 2	21	Fr.	7 26	4 31	6 55	11 7
7 21	4 36	sets	8 51	22	Sa.	7 26	4 31	sets	11 54
7 22	4 37	6 42	9 36	23	S.	7 27	4 32	6 39	morn.
7 22	4 37	7 50	10 19	24	M.	7 27	4 32	7 47	38
7 23	4 38	8 48	11 4	25	Tu.	7 28	4 33	8 56	1 23
7 23	4 39	10 5	11 52	26	W.	7 28	4 33	10 5	2 9
7 23	4 39	11 14	morn.	27	Th.	7 28	4 34	11 15	2 55
7 23	4 40	morn.	43	28	Fr.	7 29	4 35	morn.	3 44
7 24	4 40	22	1 38	29	Sa.	7 29	4 36	24	4 39
7 24	4 41	1 32	2 37	30	S.	7 29	4 37	1 35	5 39
7 24	4 42	2 42	3 43	31	M.	7 30	4 37	2 45	6 46



DOMESTIC POSTAGE.

FIRST CLASS.—Letters and all written matter, whether sealed or unsealed, and all other matter sealed, nailed, sewed, tied, or fastened in any manner, so that it cannot be easily examined, **two cents per ounce** or fraction thereof. A "Special Delivery" ten-cent stamp, when attached to a letter in addition to the lawful postage, shall entitle the letter to immediate delivery at, or within one mile of, any post-office. Postal cards, one cent each; with paid reply, two cents each.

SECOND CLASS.—All regular newspapers, magazines, and other periodicals issued at intervals not exceeding three months; the postage is **one cent for each four ounces,** payable by postage stamps.

THIRD CLASS.—Embraces **printed books,** pamphlets, circulars, engravings, lithographs, proof-sheets and manuscript accompanying the same, and all matter of the same general character, and not having the character of personal correspondence. Circulars produced by hektograph or similar process, or by electric pen, are rated as third class. The limit of weight for mail matter of the third class is four pounds, except in the case of single books exceeding that weight. The rate of postage on mail matter of the third class is **one cent for each two ounces** or fraction thereof.

FOURTH CLASS. All mailable matter, not included in the three preceding classes, which is so prepared for mailing as to be easily taken from the wrapper and examined. Rate, **one cent per ounce** or fraction thereof, except seeds, roots, cuttings, bulbs, plants, and scions, which are **one cent per two ounces.** Limit of weight, 4 lbs. Full prepayment compulsory. Liquids, and other like injurious matter, not admitted, except under conditions which may be learned at any post-office.

Direct your mail matter to a post-office, writing the name of the *State* plainly; and if to a city, add the street and number or post-office box of the person addressed. Matter not addressed to a post-office cannot be forwarded. Write or print your name and address, and the contents, if a package, upon the upper left-hand corner of all mail matter. This will insure its return if unpaid. If erroneously addressed and paid letter rates, it will be returned free; and if mailed at other than letter rates, a notice will be sent informing you of postage required for return. If a letter, it will be returned free. Register all valuable letters and packages. **Registry fee, eight cents,** which, with the postage, must be fully prepaid.

FEES CHARGED FOR MONEY-ORDERS.—For Money-Orders in denominations of $100 or less, the following fees are charged: For orders for sums not exceeding $2.50, 3 cents; $2.50 to $5, 5 cents; $5 to $10, 8 cents; $10 to $20, 10 cents; $20 to $30, 12 cents; $30 to $40, 15 cents; $40 to $50, 18 cents; $50 to $60, 20 cents; $60 to $75, 25 cents; $75 to $100, 30 cents.

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To all Foreign Countries (except Canada and Mexico):

On Letters, **five cents for each half ounce** or fraction thereof — prepayment optional. Double rates are collected on delivery of unpaid or short-paid letters.

On newspapers, books, pamphlets, photographs, sheet music, maps, engravings, and similar printed matter, **one cent for each two ounces** or fraction thereof. Limit, 4 lbs. 6 ozs.

TO CANADA (including Nova Scotia, New Brunswick, Manitoba, and Prince Edward Island): LETTERS, **two cents for each ounce** or fraction thereof; Books, Circulars, and similar printed matter, **one cent for each two ounces** or fraction thereof; SECOND CLASS MATTER same as in the United States; SAMPLES, **one cent per two ounces** (must be paid at least 2 cents); MERCHANDISE, **one cent per ounce.** Packages must not exceed 4 lbs. in weight—prepayment compulsory. No *sealed* packages other than letters in their usual and ordinary form may be sent by mail to Canada.

TO MEXICO: Letters, Postal Cards, and printed matter, same rates as in the United States. SAMPLES, **one cent per two ounces**; MERCHANDISE other than Samples can only be sent by Parcel Post. No *sealed* packages other than letters in their usual and ordinary form may be sent by mail to Mexico.

LIMITS OF SIZE AND WEIGHT: Packages of samples of merchandise to all countries must not exceed 12 ozs., nor measure more than 12 inches in length, 8 in breadth, and 4 in depth; and packages of printed matter must not exceed 4 lbs. 6 ozs.

INTERNATIONAL OR FOREIGN MONEY-ORDER FEES.

On Money Orders payable in foreign countries the following fees are charged:

For Orders for sums of $10 or less	10 cents.
Over $10 and not exceeding $20	20 cents.
Over 20 and not exceeding 30	30 cents.
Over 30 and not exceeding 40	40 cents.
Over 40 and not exceeding 50	50 cents.
Over 50 and not exceeding 60	60 cents.
Over 60 and not exceeding 70	70 cents.
Over 70 and not exceeding 80	80 cents.
Over 80 and not exceeding 90	90 cents.
Over 90 and not exceeding 100	$1.00.

INTEREST TABLES.

4%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	0	0	0	5	45
8 "	0	0	0	0	0	0	0	0	1	1	9	89
12 "	0	0	0	0	0	1	1	1	1	2	14	1.34
16 "	0	0	0	0	1	1	1	2	2	2	18	1.78
20 "	0	0	0	1	1	2	2	2	2	2	22	2.22
24 "	0	0	1	1	2	2	2	2	3	3	27	2.67
28 "	0	0	1	1	2	2	2	3	3	3	31	3.11
1 MO.	0	0	1	2	2	2	3	3	3	4	34	3.34
2 "	0	2	2	3	4	4	5	6	6	7	67	6.67
3 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
6 "	2	4	6	8	10	12	14	16	18	20	2.00	20.00
1 YR.	4	8	12	16	20	24	28	32	36	40	4.00	40.00

5%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	0	0	0	6	56
8 "	0	0	0	0	0	0	1	1	1	1	11	1.11
12 "	0	0	0	0	1	1	1	2	2	2	17	1.67
16 "	0	0	0	1	1	2	2	2	2	2	22	2.22
20 "	0	0	1	1	2	2	2	2	3	3	28	2.74
24 "	0	0	1	2	2	2	3	3	3	4	34	3.34
28 "	0	1	1	2	2	3	3	3	4	4	39	3.84
1 MO.	0	1	2	2	2	3	3	4	4	4	42	4.17
2 "	1	2	3	4	4	5	6	7	8	9	84	8.34
3 "	2	3	4	5	6	7	9	10	11	13	1.25	12.50
4 "	2	4	5	6	9	10	12	14	15	17	1.67	16.67
5 "	2	4	7	9	11	13	15	17	19	21	2.09	20.84
6 "	3	5	8	10	13	15	18	20	23	25	2.50	25.00
1 YR.	5	10	15	20	25	30	35	40	45	50	5.00	50.00

6%	$1	$2	$3	$4	$5	$6	$7	$8	$9	$10	$100	$1000
4 DAY	0	0	0	0	0	0	0	1	1	1	7	67
8 "	0	0	0	1	1	1	1	1	1	1	13	1.33
12 "	0	0	1	1	1	1	1	2	2	2	20	2.00
16 "	0	1	1	1	1	2	2	2	2	3	27	2.67
1 MO.	1	1	2	2	3	3	4	4	5	5	50	5.00
2 "	1	2	3	4	5	6	7	8	9	10	1.00	10.00
3 "	2	3	5	6	8	9	11	12	14	15	1.50	15.00
6 "	3	6	9	12	15	18	21	24	27	30	3.00	30.00
1 YR.	6	12	18	24	30	36	42	48	54	60	6.00	60.00

TABLE OF WAGES BY THE WEEK.

Wages	Half hour.	One hour.	Two hours	Four hours.	Five hours.	Six hours	Eight hours.	Nine hours	One day.	Two days.	Three days.	Four days.	Five days.	6 d.
$3	.02½	.05	.10	.20	.25	.30	.40	.45	.50	1.00	1.50	2.00	2.50	3
4	.03⅓	.06⅔	.13⅓	.26⅔	.33⅓	.40	.53⅓	.60	.66⅔	1.33⅓	2.00	2.66⅔	3.33⅓	4
5	.04⅙	.08⅓	.16⅔	.33⅓	.41⅔	.50	.66⅔	.75	.83⅓	1.66⅔	2.50	3.33⅓	4.16⅔	5
6	.05 5/6	.10	.20	.40	.50	.60	.80	.90	1.00	2.00	3.00	4.00	5.00	6
7	.05 5/6	.11⅔	.23⅓	.46⅔	.58⅓	.70	.93⅓	1.05	1.16⅔	2.33⅓	3.50	4.66⅔	5.83⅓	7
8	.06⅔	.13⅓	.26⅔	.53⅓	.66⅔	.80	1.06⅔	1.20	1.33⅓	2.66⅔	4.00	5.33⅓	6.66⅔	8
9	.07½	.15	.30	.60	.75	.90	1.20	1.35	1.50	3.00	4.50	6.00	7.50	9
10	.08⅓	.16⅔	.33⅓	.66⅔	.83⅓	1.00	1.33⅓	1.50	1.66⅔	3.33⅓	5.00	6.66⅔	8.33⅓	10
11	.09⅙	.18⅓	.36⅔	.73⅓	.91⅔	1.10	1.46⅔	1.65	1.83⅓	3.66⅔	5.50	7.33⅓	9.16⅔	11
12	.10	.20	.40	.80	1.00	1.20	1.60	1.80	2.00	4.00	6.00	8.00	10.00	12
13	.10 5/6	.21⅔	.43⅓	.86⅔	1.08⅓	1.30	1.73⅓	1.95	2.16⅔	4.33⅓	6.50	8.66⅔	10.83⅓	13
14	.11⅔	.23⅓	.46⅔	.93⅓	1.16⅔	1.40	1.86⅔	2.10	2.33⅓	4.66⅔	7.00	9.33⅓	11.66⅔	14
15	.12½	.25	.50	1.00	1.25	1.50	2.00	2.25	2.50	5.00	7.50	10.00	12.50	15
16	.13⅓	.26⅔	.53⅓	1.06⅔	1.33⅓	1.60	2.13⅓	2.40	2.66⅔	5.33⅓	8.00	10.66⅔	13.33⅓	16
17	.14⅙	.28⅓	.56⅔	1.13⅓	1.41⅔	1.70	2.26⅔	2.55	2.83⅓	5.66⅔	8.50	11.33⅓	14.16⅔	17
18	.15	.30	.60	1.20	1.50	1.80	2.40	2.70	3.00	6.00	9.00	12.00	15.00	18
19	.15 5/6	.31⅔	.63⅓	1.26⅔	1.58⅓	1.90	2.53⅓	2.85	3.16⅔	6.33⅓	9.50	12.66⅔	15.83⅓	19
20	.16⅔	.33⅓	.66⅔	1.33⅓	1.66⅔	2.00	2.66⅔	3.00	3.33⅓	6.66⅔	10.00	13.33⅓	16.66⅔	20
24	.20	.40	.80	1.60	2.00	2.40	3.20	3.60	4.00	8.00	12.00	16.00	20.00	24

This Table is based upon the usual calculation of 10 hours to a day.

PRINCIPAL COUNTRIES OF THE WORLD.

COUNTRY.	Square Miles.	Population.	Capital.
British Empire	12,208,506	378,946,973	London.
Chinese Empire	4,468,750	303,214,960	Pekin.
Russian Empire	8,457,289	108,787,244	St. Petersb'g.
United States	3,602,990	62,622,250	Washington.
German Empire	211,108	49,421,064	Berlin.
Austria-Hungary	201,591	41,827,700	Vienna.
Japan	147,669	39,607,234	Tokio.
France	204,177	38,218,903	Paris.
G't Britain and Ireland	121,230	37,740,569	London.
Turkey	1,652,533	33,559,787	Consta'nople.
Italy	110,665	29,699,785	Rome.
Spain	196,173	17,559,216	Madrid.
Brazil	3,219,000	14,000,000	R. de Janeiro.
Mexico	751,700	11,632,924	Mexico.
Philippines	143,000	8,000,000	Manila.
Persia	636,000	7,653,600	Teheran.
Egypt	400,000	6,817,265	Cairo.
Morocco	314,000	6,500,000	Morocco.
Belgium	11,373	6,030,043	Brussels.
Siam	280,550	5,700,000	Bangkok.
Roumania	46,314	5,376,000	Bucharest.
Canada	3,456,690	4,833,239	Ottawa.
Portugal	34,038	4,708,178	Lisbon.
Abyssinia	189,000	4,500,000	Magdala.
Sweden	167,473	4,500.000	Stockholm.
Holland (Netherlands)	12,680	4,450,870	The Hague.
Argentine Republic	1,095,013	4,200,000	BuenosAyres.
Colombia	331,420	4,000,000	Bogota.
Norway	125,590	3,000,000	Christiania.
Peru	405,040	2,970,000	Lima.
Switzerland	15,981	2,933,334	Berne.
Chili	256,860	2,665,926	Santiago.
Bolivia	472,000	2,300,000	La Paz.
Greece	24,977	2,187,208	Athens.
Denmark	14,780	2,172,205	Copenhagen.
Venezuela	566,159	2,121,988	Caracas.
Servia	18,757	2,096,043	Belgrade.
Cuba	43,220	1,521,684	Havana.
Guatemala	46,774	1,427,116	N.Guatemala.
Ecuador	144,000	1,146,000	Quito.
Liberia	14,000	1,050,000	Monrovia.
Porto Rico	3,550	784,709	San Juan.
Uruguay	72,112	700,000	Montevideo.
San Salvador	7,228	651,130	San Salvador.
Hayti	29,830	550,000	P't au Prince.
Paraguay	145,000	476,000	Asuncion.
Honduras	42,658	431,917	Tegucigalpa.
Nicaragua	51,660	400,000	Nicaragua.
Costa Rica	19,985	213,785	San Jose.
Hawaii	6,587	86,647	Honolulu.

STATES AND TERRITORIES.

STATES AND TERRITORIES.	Square Miles.	When Settled.	Admitted.	Est. Pop. in 1899.	Elec'l Vote.
Alabama	52,250	1711	1819	1,800,000	11
Arkansas	53,850	1685	1836	1,500,000	8
California	158,360	1768	1850	1,408,130	9
Colorado	103,925	1826	1876	492,500	4
Connecticut	4,990	1635	1789	875,000	6
Delaware	2,050	1638	1787	175,000	3
Florida	58,680	1565	1845	500,000	4
Georgia	59,475	1733	1789	2,100,000	13
Idaho	84,800	1860	1890	190,000	3
Illinois	56,650	1682	1818	5,750,000	24
Indiana	36,350	1702	1816	2,900,000	15
Iowa	56,025	1788	1837	2,185,000	13
Kansas	82,080	1719	1861	1,389,777	10
Kentucky	40,400	1787	1792	2,200,000	13
Louisiana	48,720	1699	1812	1,250,000	8
Maine	33,040	1635	1820	700,000	6
Maryland	12,210	1634	1789	1,020,500	8
Massachusetts	8,315	1620	1789	2,773,758	15
Michigan	58,915	1670	1837	2,250,000	14
Minnesota	83,365	1819	1858	1,800,000	9
Mississippi	46,810	1716	1817	1,625,000	9
Missouri	69,415	1764	1821	3,250,000	17
Montana	146,080	1860	1889	250,000	3
Nebraska	77,510	1854	1867	1,275,000	8
Nevada	110,700	1848	1864	50,000	3
New Hampshire	9,305	1623	1789	402,250	4
New Jersey	7,815	1620	1789	1,950,000	10
New-York	49,170	1614	1789	7,000,000	36
North Carolina	52,250	1650	1789	2,000,000	11
North Dakota	68,645	....	1889	235,000	3
Ohio	41,060	1788	1802	4,794,816	23
Oregon	96,030	1811	1859	480,000	4
Pennsylvania	45,215	1638	1789	6,026,414	32
Rhode Island	1,250	1636	1790	420,386	4
South Carolina	30,570	1690	1789	1,300,000	9
South Dakota	79,800	....	1889	400,000	4
Tennessee	42,050	1750	1796	2,000,000	12
Texas	265,780	1685	1845	3,400,000	15
Vermont	9,565	1724	1791	344,000	4
Virginia	42,450	1607	1789	1,775,000	12
Washington	69,180	1845	1889	425,000	4
West Virginia	24,780	1607	1863	1,005,000	6
Wisconsin	56,040	1669	1847	2,138,000	12
Wyoming	97,890	1869	1890	86,000	3
Utah	84,970	1847	1896	275,000	3
Alaska Ter.	561,409	1741	....	40,000	....
Arizona "	113,020	1582	....	100,000	....
Indian "	64,609	1834	....	190,000	....
New Mexico "	122,580	1582	....	282,900	....
Oklahoma "	39,450	....	....	333,000	....

PRINCIPAL CITIES.

POPULATION, DISTANCE FROM NEW-YORK, AND DIFFERENCE BETWEEN MEAN AND STANDARD TIME.

CITIES.	Population 1890.	Miles	Hours	Stan. Time — Mean + Time.
New-York, N. Y.....	2,321,644	....	....	— 4 m.
Chicago, Ill....	1,099,850	912	24.	— 9
Philadelphia, Pa.....	1,046,964	90	2.	+ 1
St. Louis, Mo.....	451,770	1065	29.40	+ 1
Boston, Mass.	448,477	234	5.	— 16
Baltimore, Md.....	434,439	188	4.09	+ 6
San Francisco, Cal....	298,997	3269	100.15	+ 10
Cincinnati, Ohio	296,908	757	21.10	— 22
Cleveland, Ohio	261,353	595	14.20	+ 27
Buffalo, N. Y.....	255,664	410	8.20	+ 16
New Orleans, La.....	242,039	1371	48.	0
Pittsburgh, Pa.....	238,617	444	12.	+ 20
Washington, D. C....	230,392	228	5.25	+ 8
Detroit, Mich.....	205,876	646	16.55	— 28
Milwaukee, Wis.....	204,468	997	27.10	— 8
Newark, N. J.....	181,830	10	.30	— 3
Minneapolis, Minn...	164,738	1332	39.	+ 12
Louisville, Ky.....	161,129	867	24.30	— 18
Omaha, Neb.....	140,452	1402	41.30	+ 14
Rochester, N. Y.....	133,896	371	6.55	+ 11
St. Paul, Minn.....	133,156	1322	38.40	+ 12
Kansas City, Mo.....	132,716	1385	41.30	+ 19
Providence, R. I.....	132,146	188	4.01	— 14
Denver, Col.....	106,713	1974	60.	0
Indianapolis, Ind.....	105,436	825	22.30	— 16
Albany, N. Y....	94,923	143	2.45	— 5
Columbus, Ohio	88,150	540	17.	— 28
Syracuse. N. Y.....	88,143	291	5.28	+ 5
Worcester, Mass.....	84,655	190	5.	— 13
Toledo, Ohio.....	81,434	706	17.30	— 16
Richmond, Va.....	81,388	342	11.15	+ 10
Nashville, Tenn	76,168	1000	30.30	— 17
Los Angeles, Cal.....	65,000	3177	100.	— 7
Grand Rapids, Mich..	60,278	934	23.08	— 17
Seattle, Wash.....	57,542	3358	120.	+ 10
Lincoln, Neb.	55,154	1460	30.30	+ 22
Charleston, S. C.....	54,955	803	31.	+ 24
Hartford, Conn.	53,230	110	2.35	— 9
Des Moines, Iowa	50,093	1270	41.	+ 14
Portland, Or.....	46,385	3226	112.30	+ 20
Salt Lake City, Utah..	44,843	2471	72.	+ 28
Tacoma, Wash.....	45,000	3209	128.	+ 9
Savannah, Ga.....	43,189	904	31.	+ 24
Galveston, Texas.....	29,084	1782	63.	+ 19
Leavenworth, Kan....	19,768	1369	41.	+ 20
Rutland, Vt.....	11,760	232	7.47	— 9

VALUE OF FOREIGN COINS.

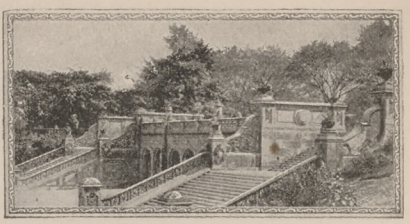
DENOMINATION.	COUNTRY.	Equivalent U. S. Money.
Alfonso	Spain	$4.80.
Boliviano	Bolivia	.69.8
Bolivar	Venezuela	.14.
Crown	Nor'y, Swed'n, Den'k.	.26.8
Dollar	British America	1.00.
"	Liberia	1.00.
"	Mexico	.75.8
"	Sandwich Islands	1.00.
"	Spain	.94.
Drachma	Greece	.19.3
Florin	Austria	.34.5
"	Netherlands	.40.2
Franc	France, Belg., Switz.	.19.3
Half Imperial	Russia	3.97.
20 Kroner	Nor'y, Swed'n, Den'k.	5.25.
Lira	Italy	.19.3
Mahbub of 20 piasters	Tripoli	.62.9
Mark	German Empire	.23.8
Milreis of 1000 reis	Brazil	.54.6
" "	Portugal	1.08.
Peseta of 100 centimes	Spain	.19.3
Peso	Chili	.91.2
"	Cuba	.92.6
"	Ecuador	.69.8
"	U. S. of Colombia	69.8
Piaster	Egypt	.04.9
"	Turkey	.04.4
Pound Sterling (Sover'gn)	England	4.87.
Rouble of 100 copecks	Russia	.55.8
Rupee of 16 annas	India	.33.2
Shilling	England	.24.
Sol	Peru	.69.8
Thaler (3 marks)	Germany	.70.
Yen	Japan	.75.2

Explanation of the Currencies of the various Countries.

AUSTRIA AND RUSSIA.—The Paper Currencies are continually subject to important fluctuations.

In FRANCE, BELGIUM, SWITZERLAND, AND ITALY, 1 franc = 100 centimes. GERMANY, 1 mark = 100 pfennig. HOLLAND, 1 florin or gulden = 100 cents. NORWAY, SWEDEN, AND DENMARK, 1 kroner=100 öre. UNITED STATES, 1 dollar = 100 cents. Spain, 1 peseta = 100 centavos. AUSTRIA, 1 florin = 100 kreuzer. PORTUGAL, 1 milreis = 1000 reis. GREECE, 1 drachma = 100 leptas. TURKEY, 1 piaster = 40 paras. RUSSIA, 1 rouble = 100 copecks.

Italian notes and silver are not current in France, Belgium, and Switzerland, but the silver of these countries passes current in Italy.



PLACES OF INTEREST IN NEW YORK.

AMERICAN MUSEUM OF NATURAL HISTORY, between Eighth and Ninth Avenues, 77th and 81st Streets.— Open free every day except Monday and Tuesday, when there is an admission fee of 25 cents. Contains a fine collection of mounted birds, animals, fishes, insects, &c.

BATTERY PARK, at the southern end of the island.— Contains 21 acres, beautifully laid out. A wide promenade extends along the sea wall, from which a fine view of the harbor may be obtained. Named from the battery erected here by the Dutch settlers. The British army embarked here Nov. 25, 1783, when evacuating New York at the close of the Revolution.

BROOKLYN BRIDGE, connects the Borough of Manhattan with the Borough of Brooklyn.—Construction begun June 3, 1870. Opened May 24, 1883. Total length, 5989 ft., width, 89 ft.; height of towers, 278 ft.; height of center above high water, 135 ft.; cost, $15,000,000. Foot passengers free; bridge car fare 3c., 2 tickets, 5c.; or from any part of Brooklyn Borough to Manhattan, direct, via Elevated or trolley cars, fare 5c.

CASTLE GARDEN, Battery Park.— New York Aquarium. Formerly used for great public meetings and receptions. Admittance to the Aquarium is free; hours from 10 A. M. to 4 P. M.; open daily excepting on Mondays and Tuesdays.

CENTRAL PARK, between Fifth and Eighth Avenues, 59th and 110th Streets.— 2½ miles long and ½ mile wide. Contains 860 acres. It has twelve grand entrances, contains 28 miles of walks, 10 miles of carriage roads, and 5 miles of bridle paths. More than 10,000,000 people visit the park annually.

CITY HALL, City Hall Park.— Built of marble in 1803. The Governor's room contains the portraits of all the Governors of New York State, the chair and desk at which Washington wrote his first message to Congress, and many other relics.

CUSTOM HOUSE, Wall Street, Cor. of William.— A granite edifice, the portico of which is supported by a number of columns 38 feet high, 4½ feet in diameter, each cut from a single stone. All vessels arriving at and leaving this port must report to the Government officials here.

GEN. GRANT'S TOMB, in Riverside Park at 123d Street, overlooking the Hudson River. Erected by popular subscription at a cost of nearly $600,000 and dedicated April 27, 1897, with imposing ceremonies. It can be reached by the Sixth Avenue Elevated road to 125th Street, thence by cable cars.

HIGH BRIDGE, Harlem River at 175th Street.— A stone structure conveying the water of the Croton aqueduct across the Harlem River, at a height of 100 feet; length, 1400 feet.

METROPOLITAN MUSEUM OF ART, in Central Park, near Fifth Avenue and 82d Street.— Open free every day except Monday and Tuesday, when an admission fee of 25 cents is charged. Contains a large and rich collection of some of the best examples of the old masters and modern painters, and a fine gallery of marble statuary.

PLACES OF INTEREST IN NEW YORK.

OBELISK, in Central Park, near Metropolitan Museum, Fifth Avenue and 82d Street.— Erected in Egypt about 3500 years ago. It is cut from one solid block of granite. 70 feet high and weighing 40,000 pounds. It is covered with hieroglyphics illustrating the deeds and titles of the King of Egypt at that time. Presented by the Khedive, Ismail Pasha, to the city of New York. Brought here by Lieut. Gorringe, U. S. N., in a vessel specially fitted up for the purpose. The entire cost of transportation and erecting was defrayed by the late William H. Vanderbilt.

POST OFFICE, Broadway and Park Row.— Costing $7,000,000. There are sixteen branch offices.

STATUE OF LIBERTY, on Liberty (formerly Bedloe's) Island. Modeled by the French sculptor Bartholdi, and presented by France to the United States. The statue is of copper-bronze, 151 feet high; mounted on a stone pedestal 154 feet high, making the extreme height 305 feet. It may be reached by boat from the Barge Office at the Battery.

SUB-TREASURY, Wall Street, Cor. of Nassau.—Built of white granite on the site of old Federal Hall, where Washington was inaugurated. The original building, erected in 1700, was used for the City Hall. The first Congress under the National Constitution met here, March 4th, 1789, when the name was changed to Federal Hall. Afterwards used as the State Capitol, and then the present building was erected and used many years as the Custom House; now occupied for the storage of gold and silver coin, etc. The walls are five and six feet thick, and the roof is of solid stone four feet thick. It is guarded day and night by a force of twenty-five men. On the steps now stands a statue of Washington, the pedestal containing the very stone on which he stood when taking the oath, on April 30th, 1789.

ST. PATRICK'S CATHEDRAL, Fifth Avenue, 50th and 51st Streets.— The most imposing church edifice in the United States, costing over $2,000,000. It is 300 feet long, 140 feet wide, and 108 feet high. The twin spires on either side of the front gable rise to a height of 328 feet. The rich stained glass in its 70 windows was made in France and cost $100,000. The main altar, 40 feet high, is made of Italian marble inlaid with rare gems. The organ is one of the largest in the city. The Cathedral is open daily.

ST. PAUL'S CHURCH, Broadway, Cor. Vesey Street.— Erected in 1764. A chapel of Trinity Church. Was attended by Washington, and his pew still remains, marked with his initials.

TRINITY CHURCH, Broadway, head of Wall Street.— The richest parish in the United States, its annual income reaching $500,000. Was founded in 1697. The church was burned in 1776, rebuilt in 1788, and the present house was completed in 1846. It was designed by the famous American architect Upjohn, and required seven years to build. The steeple is 284 feet high.

PRESIDENTS OF THE UNITED STATES.

NAMES.	BORN.	INAUGURATED.	IN OFFICE.	DIED.	NATIVE OF.
GEORGE WASHINGTON .	Feb. 22, 1732	April 30, 1789	8 years.....	Dec. 14, 1799	Virginia.
JOHN ADAMS.....	Oct. 30, 1735	March 4, 1797	4 "	July 4, 1826	Massachus'ts.
THOMAS JEFFERSON....	April 2, 1743	" 4, 1801	8 "	July 4, 1826	Virginia.
JAMES MADISON.....	March 16, 1751	" 4, 1809	8 "	June 28, 1836	"
JAMES MONROE.....	April 2, 1759	" 4, 1817	8 "	July 4, 1831	"
JOHN QUINCY ADAMS...	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	Massachus'ts.
ANDREW JACKSON	March 15, 1767	" 4, 1829	8 "	June 8, 1845	S. Carolina.
MARTIN VAN BUREN....	Dec. 5, 1782	" 4, 1837	4 "	Dec. 27, 1862	New York.
WILLIAM H. HARRISON.	Feb. 9, 1773	" 4, 1841	1 month.....	April 4, 1841	Virginia.
JOHN TYLER.....	March 20, 1790	April 5, 1841	3 yrs. 11 mos..	Jan. 17, 1862	"
JAMES K. POLK.....	Nov. 2, 1795	March 4, 1845	4 "	June 15, 1849	N. Carolina.
ZACHARY TAYLOR.....	Nov. 24, 1790	" 4, 1849	1 year 4 mos..	July 9, 1850	Virginia.
MILLARD FILLMORE....	May 7, 1800	July 10, 1850	2 yrs. 8 " ..	March 8, 1874	New York.
FRANKLIN PIERCE.....	Nov. 23, 1804	March 4, 1853	4 "	Oct. 8, 1869	N. Hampshire.
JAMES BUCHANAN.....	April 23, 1791	" 4, 1857	4 "	June 1, 1868	Pennsylvania.
ABRAHAM LINCOLN.....	Feb. 12, 1809	" 4, 1861	4 " 40 days.	April 15, 1865	Kentucky.
ANDREW JOHNSON.....	Dec. 29, 1808	April 15, 1865	3 " 11 mos.	July 31, 1875	N. Carolina.
ULYSSES S. GRANT.....	April 27, 1822	March 4, 1869	8 "	July 23, 1885	Ohio.
RUTHERFORD B. HAYES	Oct. 4, 1822	" 5, 1877	4 "	Jan. 17, 1893	"
JAMES A. GARFIELD	Nov. 19, 1831	" 4, 1881	6 mos. 15 days	Sept. 19, 1881	"
CHESTER A. ARTHUR ...	Oct. 5, 1830	Sept. 19, 1881	3 yrs. 5 mos...	Nov. 18, 1886	Vermont.
GROVER CLEVELAND ...	March 18, 1837	March 4, 1885	4 "	.....	New Jersey.
BENJAMIN HARRISON...	Aug. 20, 1833	" 4, 1889	4 "	.....	Ohio.
GROVER CLEVELAND ...	March 18, 1837	" 4, 1893	4 "	.....	New Jersey.
WILLIAM MCKINLEY...	Jan. 29, 1843	" 4, 1897	.....	.....	Ohio.

VALUABLE INFORMATION FOR BUSINESS MEN.

DEMAND NOTES are payable on presentation, without grace, and bear legal interest after a demand has been made, if not so written. An endorser on a demand note is holden only for a limited time, variable in different States.

A NEGOTIABLE NOTE must be made payable either to bearer, or be properly endorsed by the person to whose order it is made. If the endorser wishes to avoid responsibility, he can endorse "without recourse."

A JOINT NOTE is one signed by two or more persons, who can each become liable for the whole amount.

NO GRACE is allowed in the majority of States on time notes after the time for payment expires. If not paid when due, the endorser, if any, should be legally notified to be holden.

NOTES FALLING DUE ON SUNDAY, or on a legal holiday, must be paid the day following as a rule.

ALTERING A NOTE in any manner, by the holder, makes it void.

NOTES GIVEN BY MINORS are void.

THE MAKER OF A NOTE that is lost or stolen is not released from payment if the amount and consideration can be proven.

NOTES OBTAINED BY FRAUD, or given by intoxicated persons, cannot be collected.

AN ENDORSER has a right of action against all whose names were previously on a note endorsed by him.

A BILL OF EXCHANGE OR DRAFT is an order drawn by one person or firm upon another, payable either at sight or at a stated future time.

A note dated on Sunday is void. An endorser of a note is exempt from liability if not served with notice of its dishonor within 24 hours of its non-payment. Notes bear interest only when so stated. Principals are responsible for their agents. Each individual in partnership is responsible for the whole amount of the debts of the firm. Ignorance of the law excuses no one. It is a fraud to conceal a fraud. It is illegal to compound a felony. The law compels no one to do impossibilities. An agreement without a consideration is void. Signatures in lead pencil are good in law. A receipt for money is not legally conclusive. The acts of one partner bind all the others. Contracts made on Sunday cannot be enforced. A contract with a minor is void. A contract made with a lunatic is void. Written contracts concerning land must be under seal.

DEPOSITS OF MONEY in a bank placed to the credit of depositors are always subject to their check for full amount due.

WEIGHTS AND MEASURES.

MEASURES OF WEIGHT.—*Avoirdupois:* 1 pound equals 7000 grains; 16 drams, 1 ounce; 16 ounces, 1 pound; 112 pounds, 1 hundredweight; 20 hundredweight, 1 ton. *Troy:* 1 pound equals 5760 grains; 24 grains, 1 pennyweight; 20 pennyweights, 1 ounce; 12 ounces, 1 pound. *Apothecaries:* 1 pound equals 5760 grains; 20 grains, 1 scruple; 3 scruples, 1 dram; 8 drams, 1 ounce; 12 ounces, 1 pound. *Metric:* 1 kilogramme equals 1000 grammes, equals 2.2 Avoirdupois pounds.

MEASURES OF LENGTH.—*Customary:* 12 inches equal 1 foot; 16½ feet, 1 rod; 40 rods, 1 furlong; 8 furlongs, 1 statute mile; 1 statute mile, 5280 feet or 1760 yards; 1 marine league, 3 nautical miles; 1 fathom, 6 feet; 1 nautical mile equals 6080.2 feet. *Metric:* 1000 millimetres equal 1 metre; 1000 metres, 1 kilometre; 1 metre equals 39.37 inches.

SURFACE OR SQUARE MEASURE.—*Customary:* 144 square inches equal 1 square foot; 9 square feet, 1 square yard; 30.25 square yards, 1 square rod; 40 square rods, 1 square rood; 4 square roods, 1 acre; 640 acres, 1 square mile; 1 acre equals 208.7 feet square. *Metric:* 1 square metre equals 10.764 square feet; 100 square metres equal 1 are; 1 hectare equals 100 ares, or 2.471 acres.

SOLID OR CUBIC MEASURE.—*Customary:* 1728 cubic inches equal 1 cubic foot; 27 cubic feet, 1 cubic yard; 40 cubic feet of round timber, 1 ton; 50 cubic feet of hewn timber, 1 ton; 128 cubic feet of wood (4 feet by 4 feet by 8 feet), 1 cord; 24.75 cubic feet of stone, 1 perch—usually 16½ feet by 1½ feet by 1 foot, but varies greatly. *Metric:* 1000 cubic centimetres equal 1 litre; 1 litre equals 1.0567 quarts.

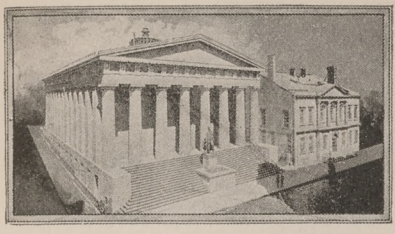
LIQUID MEASURE.—English gallon equals 277.274 cubic inches, or 1.20032 U. S. gallons; 4 gills, 1 pint; 2 pints, 1 quart; 4 quarts, 1 gallon.

DRY MEASURE.—1 bushel equals 2150.42 cubic inches; 2 pints, 1 quart; 4 quarts, 1 gallon; 2 gallons, 1 peck; 4 pecks, 1 bushel. *Metric:* 10 millilitres equal 1 centilitre; 10 centilitres, 1 decilitre; 10 decilitres, 1 litre; 1 litre, 0.908 dry quart.

POUNDS PER BUSHEL.—The weight per bushel of different articles differs in different States. Revised Statutes of the U. S., Sec. 2919: "For the purpose of estimating the duties on importations of grain, the number of bushels shall be ascertained by weight instead of by measuring; and 60 pounds of wheat, 56 pounds of corn, 56 pounds of barley, 32 pounds of oats, 60 pounds of peas, and 40 pounds of buckwheat, avoirdupois weight, shall respectively be estimated as a bushel."

CAPACITY OF BOXES.

25 in. sq.,	11.66 in. deep	=	Approx.	1 wine barrel.
20 " "	9.10 " "	=	"	1 wine half barrel.
17 "x 14 in.	9.00 " "	=	"	1 bushel.
10 "x 12 "	9.00 " "	=	"	½ "
8 " sq.,	8.40 " "	=	"	1 peck.
8 " "	4.20 " "	=	"	1 gal. (dry measure).
7 " diam.,	6.00 " "	=	"	1 gal. (liquid measure).



REVENUE STAMPS.

Bank Checks $0.02
Bankers—for first $25,000 of capital.....50.00
For each $1,000 in excess of $25,000 ..... 2.00
Brokers 50.00
Pawnbrokers.....20.00
Commercial Brokers....20.00
Custom House Brokers.10.00
Theatres, Museums and Concert Halls in cities, popu'n 25,000 ....100.00
Circus..... 100.00
Public Exhibitions.....10.00
Bowling Alleys, ea. alley 5.00
Billiard Rooms, ea. table 5.00
Bill of Exchange (foreign) for each $100 or fraction (not in sets).. .04
In sets, for each bill of set, for each $100.. .02
Bill of Exchange (inland) for ea. $100 or fraction .02
Promissory Note..... .02
Draft..... .02
Certificate of Deposit, drawing int., per $100 .02
Not drawing interest .02
Government Money Or's .02
Bonds—issued by companies, per $100 ..... .05
Foreign, per $100..... .05

Agreement of Sale of Merchandise $0.01
Telephone Messages, 15c. or more..... .01
Bond, indemnifying .... .50
Surety Bond..... .50
Telegram ..... .01
Custom House—Entry value $100, 25c.; $500 .50
Over $500..... 1.00
Entry for withdrawal. .50
Stocks on sales or transfers, per $100 ..... .02
Money Orders — Foreign Telegraph—per $100..... .04
Foreign Letters of Credit —per $100..... .04
Drafts payable on sight. .02
Drafts payable on time, per $100 or fraction... .02
Protest of Notes ..... .25
Lease—One year..... .25
Three years..... .50
Over three years..... 1.00
Power of Attorney.. ... .25
Proxy for Voting ..... .10
Warehouse Receipt..... .25
Parlor Car Seat ..... .01
Sleeping Car Berth..... .01
Tobacco—per pound. .12
Tea—per pound ..... .10

Deed of real estate for each $500, or less, above $100, or fraction of $500 ..... .50
Mortgage on real or personal estate, first $1,000 exempt.
First, $1,500 or less, above $1,000 ..... .25
For each $500 or fraction in excess of $1,500..... .25
Assignment of Mortgage—same taxes as on mortgage.
Assignment of Lease—same taxes as on lease.
Mixed Flour—upon the person or company engaged in business, per annum 12.00
On each barrel, 4c.; ½ bbl., 2c.; ¼ bbl., 1c.; ⅛ bbl. .0½
Beer and other fermented liquors, per barrel 2.00
Cigars—not more than 3 lbs. per 1,000, per thousand....1.00
Weighing more than 3 lbs. per 1,000, per thousand....3.60
Cigarettes—more than 3 lbs. per 1,000, per thousand....3.60
Weighing less than 3 lbs. per 1,000, per thousand.....1.50
Insurance—Life, for each $100 or fraction ..... .08
Industrial, 40 per cent. of the first weekly premium.
Fire, Accident, Inland Marine, Steam-Boiler, etc., ½ of 1 per ct. on each $1.00 of premium or fraction.
Assignment of Policy of Ins.—same tax as original Policy.

FACTS FOR BUILDERS.

Bricks Required to Construct any Building.

(Reckoning 7 Bricks to each Superficial Foot.)

Superficial feet of wall.	Number of bricks to thickness of					
	4 in.	8 in.	12 in.	16 in.	20 in.	24 in.
1.....	7	15	23	30	38	45
2.....	15	30	45	60	75	90
3.....	23	45	68	90	113	135
4.....	30	60	90	120	150	180
5.....	38	75	113	150	188	225
6.....	45	90	135	180	225	270
7.....	53	105	158	210	263	315
8.....	60	120	180	240	300	360
9.....	68	135	203	270	338	405
10.....	75	150	225	300	375	450

Cost of Tin Roofing per Square and Square Foot.

The first column contains the price, per box, of tin; the second column shows the cost of tin per square (100 square feet) of surface; and the third column shows the cost of tin per square foot of surface.

Flat Seam Roofing — Cost with 14×20 tin.

$4.25.....	$2.21.....	$0.0221	$6.25.....	$3.25.....	$0.0325
4.50.....	2.34.....	.0234	6.50.....	3.38.....	.0338
4.75.....	2.47.....	.0247	6.75.....	3.51.....	.0351
5.00.....	2.60.....	.0260	7.00.....	3.64.....	.0364
5.25.....	2.73.....	.0273	7.25.....	3.77.....	.0377
5.50.....	2.86.....	.0286	7.50.....	3.90.....	.0390
5.75.....	2.99.....	.0299	7.75.....	4.03.....	.0403
6.00.....	3.12.....	.0312	8.00.....	4.17.....	.0417

1000 shingles, laid 4 inches to the weather, will cover 100 square feet of surface, and 5 pounds of shingle nails will fasten them on.

One fifth more siding and flooring is needed than the number of square feet of surface to be covered, because of the lap in the siding and matching.

1000 laths will cover 70 yards of surface, and 11 pounds of lath-nails will nail them on. Eight bushels of good lime, 16 bushels of sand, and 1 bushel of hair will make enough good mortar to plaster 100 square yards.

A cord of stone, 3 bushels of lime, and a cubic yard of sand will lay 100 cubic feet of wall.

Five courses of brick will lay 1 foot in height on a chimney; 6 bricks in a course will make a flue 4×12 inches; and 8 bricks in a course will make a flue 8×16 inches.

Cement 1 bushel and sand 2 bushels will cover 3½ square yards 1 inch thick, 4½ square yards ¾ inch thick, 6¾ square yards ½ inch thick. One bushel of cement and 1 of sand will cover 2¼ square yards 1 inch thick, 3 square yards ¾ inch thick, and 4½ square yards ½ inch thick.

TO TELL TIME OF TIDE.

The time of high water at the places following may be found approximately for each day by adding or subtracting from the time of high water at New-York the hours and minutes annexed.

	H. M.		H. M.
Albany, N. Y.	+ 9.39	New Haven, Conn.	+ 3.1
Annapolis, Md.	+ 8.57	New London, Conn.	+ 1.22
Asbury Park, N. J.	— 0.37	Newport, R. I.	— 0.22
Atlantic City, N. J.	— 0.29	Norfolk, Va.	+ 0.56
Baltimore, Md.	+10.52	Norwich, Conn.	+ 2.5
Bar Harbor, Me.	+ 2.50	Ocean Grove, N. J.	— 0.37
Beaufort, S. C.	— 0.9	Old P. Comfort, Va.	+ 0.37
Block Island, R. I.	— 0.34	Philadelphia, Pa.	+ 5.37
Boston, Mass.	+ 3.22	Plymouth, Mass.	+ 3.12
Bridgeport, Conn.	+ 3.4	Point Lookout, Md.	+ 4.49
Bristol, R. I.	— 0.12	Portland, Me.	+ 3.19
Cape May, N. J.	+ 0.12	Portsmouth, N. H.	+ 3.16
Charleston, S. C.	— 0.43	Poughkeepsie, N. Y.	+ 4.27
Coney Island, N. Y.	— 0.20	Providence, R. I.	+ 0.7
Eastport, Me.	+ 3.1	Richmond, Va.	+ 8.47
Fernandina, Fla.	— 0.19	Rockaway, N. Y.	— 0.28
Gloucester, Mass.	+ 2.57	Rockland, Me.	+ 2.55
Isle of Shoals	+ 3.11	Rockport, Mass.	+ 2.50
Jacksonville, Fla.	+ 0.36	Salem, Mass.	+ 3.5
Key West, Fla.	+ 0.55	Sandy Hook, N. J.	— 0.32
League Island, Pa.	+ 5.12	Savannah, Ga.	+ 0.20
Long Branch, N. J.	— 0.38	Smithville, N. C.	— 0.51
Marblehead, Mass.	+ 3.4	Vineyard Haven, Mass	+ 3.35
Nahant, Mass.	+ 3.2	Washington, D. C.	+11.54
Nantucket, Mass.	+ 4.31	Watch Hill, R. I.	+ 0.53
New Bedford, Mass.	+ 0.10	West Point, N. Y.	+ 2.55
Newburyport, Mass.	+ 3.29	Wilmington, N. C.	+ 0.59

EXAMPLE.—To ascertain at what hour it will be high tide at Sandy Hook on the 1st of July, find first the time of high water at New-York under that date, and then subtract 32 minutes, as found in above table opposite Sandy Hook; the result is the time of high water required.

WEATHER SIGNALS.

When black triangular flag is placed above white or blue flag it indicates warmer; when placed below, colder weather. For example—3, 1, 2 indicates warmer, fair weather, followed by rain or snow.

HELP IN CASE OF ACCIDENTS

DROWNING.—1. Loosen clothing, if any. 2. Empty lungs of water by laying body on its stomach, and lifting it by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils, and pressing the "Adam's apple" back (so as to close entrance to stomach), direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. DON'T GIVE UP! People have been saved after HOURS of patient, vigorous effort. 8. When breathing begins, get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air, and quiet.

SUNSTROKE.—There are two important indications for treatment—reduction of temperature and the use of stimulants. The patient should first be removed to a cooler spot if possible, or at least where shade can be secured. The treatment should be begun at once. The clothing about the neck and body must be either loosened or removed. Cold is particularly indicated in cases where there is great heat of the body, and delirium and convulsive movements are present. This means of reducing the temperature may be applied in the shape of cracked ice about the head and spine, or the use of cold water. If the heat of the body is very great, it may be necessary to wrap the patient in sheets wet with cold water. If there is, besides the great heat, evidence of serious depression, stimulants must be used while the cold is being applied.

BURNS AND SCALDS.—Cover with cooking soda, and lay wet cloths over it. Whites of eggs and olive oil. Olive oil or linseed oil, plain, or mixed with chalk or whiting. Sweet or olive oil and lime-water. Shock, which is always present in severe burns, requires the administration of stimulants. Pain is more constant and intense in burns than in any other form of injury, and requires sedatives, which should be administered by the medical attendant. Later on the appearances of inflammation and other complications are to be carefully watched for.

HÆMORRHAGE.—The usual treatment is rest in the recumbent position; small pieces of ice should be freely swallowed, and the application of ice wrapped in a towel, or in an ice-bag, or snow, cold water, etc., over the stomach; hot applications may be applied to the extremities.

FIRE IN A BUILDING.—Crawl on the floor. The clearest air is the lowest in the room. Cover head with woolen wrap, wet if possible. Cut holes for the eyes. *Don't get excited.*

NOTES

MON. 1

At home all day. Party at Hall in eve. Fred & Robert went.

TUES. 2 Tuesday Club Board meeting. Fred stayed up.

WED. 3 Drove up. Fred up in launch.

THUR. 4 Drove up. Busy all day. Fred stayed up to Club.

FRI. 5 ~~Drove up~~ Launch "Running Club" at night

SAT. 6 Busy all day. Dance in evening.

CASH ACCOUNT	Received	Paid
Lunch .10 C. Wills Club	1 65	.10
Union .75 Delory 1.50		2 25
Laundry 5.25 to date		5 25
		7 60
Lunch .60 Rubbers 7.75		1 35
Shoestrings M.C. .10		10
War book 1 Telephone 8		9
Stamps .81 Woulfe 10.		10 81
Robert rubbers 7.50 Lunch .30		1 05
Carfare .20 Mulvey 3.60		3 80
Wax .30 Hill & Co 2.		2 30
House .25 - Carfare .50		75
Dings .35 Postage .86		1 21
Gas 2.55 - 5th Ave. 1.50		4 05
		34 42

SUN. 7 At home all day. Amelia & Grace here at night - F. took party to sail Molly went.

MON. 8 Drove up. Mrs. S. with me

TUES. 9 Tuesday Club.

WED. 10

THUR. 11 Mrs. Mott worse Curetted &c. at 2 P.M.

FRI. 12

SAT. 13 Stella. Grace & Mr. Graham went home with us & to dance in Eve.

CASH ACCOUNT	Received	Paid
Hardware .40 Hat C.J. 3.10		3 50
Lunches .50		0 50
Labor 1.60 - Journals 6.80		8 40
Rolan T.J. 5.		5
		17 40
Rent Jan. 1 50.		50
Trait 6.25 - Hamilton 5.85		12 10
Horse .75 Commission .25		1
Carfare .50 Office 5.		5 50
		68 40

SUN. 14 Robert 15 years old to-day. Big dinner. Went to town after dinner.

MON. 15 Stand up to see Lee the Hypnotist.

TUES. 16

Tuesday Club

WED. 17 Drove to Lemon Grove.
Boardmans here. Went home with us.

THUR. 18 Mocky stand with us. Mrs. Smith came up to see Lee. Robert with Boardmans. C. G. Club.

FRI. 19 Boardmans took Whitson cottage.

SAT. 20 Robert came up to see Lee in afternoon

CASH ACCOUNT	Received	Paid
Home .25		
Home .25 - Int. Hoffman 20.		20 25
Globe Pub. 8.50 - Carfare .50		9
Oil 5.50 - Molly - Carbook 1		6 50
Buggy 2.50 - Woulfe 10.		12 50
L.O.T.M. 2. Water 1.75		3 75
Carfare .20 - House .40		65
		52 55
Belgian Hare.		5
Labor 1.60 Lunch .20		1 80
Carfare .20 - Hardware .20		40
Drugs .50		50

SUN. 21 Worked all day in garden.

MON. 22 Fred went to the Allen's in eve.

TUES. 23 Tuesday Club. Milton at our house all night.

WED. 24 Henry came to work.

THUR. 25 Henry worked to-day Boardman's drove up & I drove out to see the Pfahler's & Mrs. Putnam Steel a not well at home until Monday

SAT. 27 Harry Hoffman came over to spend night. All went to dance in evening

CASH ACCOUNT	Received	Paid
Chamber of C.		5
Taxes 4.96 - Nat. Union 5.		14 96
Hardware		5
Lunches .20 - Rogers note 2.50		2 70
Tide Book .20		20
Chas. Roseville 1.85		1 85
		29 71

fed & sent sailed. Moody & I in

SUN. 28 bed until 12. Mr. Crabtree preached. Robert & Harry drove him to Jim town.

MON. 29 Robert started at High School to-day. Fed 46 to-day.

TUES. 30 Mrs. Smith drove up to-day. Had call at 4.30 so stand up all night.

WED. 31 Up town all day.

THUR. 1 FEBRUARY

Drove up in morning C. G. Club. in evening

FRI. 2 Busy all day with odds & ends of work. Med. Soc. in eve.

SAT. 3 Drove to Old town in morning. Grace & Mr. Graham down for night

CASH ACCOUNT	Received	Paid
Church		25
Paulsen 8. Molly chain 25		8 25
R.H.B. - Saddle	5	
Rep. Ins. .50 Lunch .70		1 20
Sale & son -		10
Robert pen. 1.25 Ribbon M. 15		1 40
		21 10
Lunch .10 - R.H.B. Paper to .60		70
Nolan & Tibbals		5 90
Church .25		25

SUN. 4 Fred took party to sail.

MON. 5 Drove Grace to Oldtown in morning
Mr. Fogg broke his leg
Fred drove over on wheel

TUES. 6 Drove up in the morning.
F. B. lodge in evening

WED. 7 Drove home at noon — Worked in garden in afternoon

THUR. 8

FRI. 9

SAT. 10 Communication at Mrs. Mutts
Fred & Geneva down for Sunday. Dance at short time.

Cash Account	Received	Paid

SUN. 11 Fed carried Fred & Geneva up. Church in afternoon.

MON. 12 Drove up. Mrs. B. with me - Fred & Mrs. B. drove home - Stayed up all night

TUES. 13 Busy all day. Stella not in Office - yesterday or to-day. Home on boat. Up at 9 P.M. Fred & children went home.

WED. 14 Drove to Lincoln Grove. Supper at Davis's went to Anna.

THUR. 15 Busy all day. C. G. Club in eve.

FRI. 16

Up town at night.

SAT. 17

Mrs Taylor arrived. Board at Boardman's for a time - I stayed up town all night.

CASH ACCOUNT	Received	Paid
Nolan Stibbals		20 00
Lunchs 2.00 - Exchange .15		2 15
Ruddu 1.50 Washing 6.25		7 75
Rogers M K Mrs		50 00
		79 90
Schnetten 9.05 Tallmadge 9.50		18 55
Leffincotts 5. Lunch .30		5 30
Gould E B.		50 00
		73 65

SUN. 18

Busy in garden all day.

MON. 19

Out to Theatre in eve. Called to Lemon Grove at 10 P.M.

TUES. 20

Lemon Grove all day

WED. 21

Lemon Grove until 3 P.M. Baby arrived at 12 M. Jocelyn Phillard.

THUR. 22

Drove out to Lemon Grove. Home at night

FRI. 23 Tired & headache all day.

SAT. 24 Mrs. S. drove home & buggy to town - Lemon Grove at 10 A.M.

Cash Account	Received	Paid
Mrs. Smith		40
Household 2.		2
Erpin .25 Miller 5.25		5 50
West Coast 8.59		8 59
Penn Mutual.		201 60
Lunches 1. C.J.B. .30 Hare Show 2.		3 30
Stamps 1.		1
		259 99
Mrs. Graham 22.50		22 50
Marston 20. Sthvalman 10.		30
Instrument 1. Molly 1.90		2 90
		55 40
Office 5. 1st Nat. Bk. Int. 5.		10
Sale & son 37.80		37 80
Reynolds 35.		35
Kinston 12.06 Exc. .20		12 26
		95 06

SUN. 25 Breakfast in bed. Mr. Shaw preached in afternoon

MON. 26 Mrs. B. & Miss T. drove buggy up for me. Home by boat.

TUES. 27 Fred & I drove up. All night in town. Miss Cook at office at 7 P.M.

WED. 28 Drove out to Lemon Grove. Home about 6. Molly drove home with me.

THUR. 1 MARCH

Church 10 A.M. Matinée in afternoon. C.G. Club. Molly up all night

FRI. 2 Busy all day. Church P.M. Molly & Rob. drove home. Fred home by boat. Med. Soc. in ave.

SAT. 3

Cash Account	Received	Paid
Lunches 1.60 Spoons .25		1 85
Rob. .15 Woolfe 10.		10 15
S.D. Hardware 10.		10
Lunches .70 Tickets 2.		2 70
		24 70
Hair work 3. Ladies Journal .75		3 75
Swarey 10. Dress. M. & C. 9.10		19 10
Union .75 Church 10		85
		23 70
Supper &c. .40 Tel. 8.		8 40
Delorey 1.50 S.D. Sav. Bk. 10.		11 50
Labor 1.60		1 60
Office 5. Int. J. Briggs 12.50		17 50
Fraternal B. 1.05		1 05
		48 40

SUN. 4 Showers -

MON. 5 Drove up.
Home at 5.
Bed early -
Fred at board meeting

TUES. 6 Up in boats. Mrs. S.
drove up to dentist.
Fred staid up to Tuesday
Club -

WED. 7
I in bed to rest nearly
all day.
Molly left school.

THUR. 8

FRI. 9

SAT. 10
Dance in evening
Robert at home.
Ralf came to-day

CASH ACCOUNT	Received	Paid
Household 1. Mrs. Smith 5.		6
Pd to date - Washing		3 75
Erepius 30 Lunch 60		90
Instrument. 50		50
Laundry Lung Hegle		5 75
Lunches 35		35
Lunches 45 Paper 30 Erop. 26		1 01
		18 26
Nat. Union 5.20.		5 20
Woulfe 10.		10
Mrs. Smith 5. R. 3. Shoes		8
Office		5
		28 20

SUN. 11 Mr. Graham & friends down. Mr. Pitner preached

MON. 12 Drove up in the morning. Busy all day. Stayed up all night

TUES. 13

Busy day. Robert drove buggy home.
Home in Quarantine

WED. 14

Home all day.

THUR. 15

College Club in me.

FRI. 16

Robert began music lessons to-day

SAT. 17

Smith & Graham took over with us at night

Cash Account	Received	Paid
Meat 2.		2
Coward 8.65 Hamilton 3.05		11 70
Safe Dep. 5 – Meat 7.38		12 38
		26 08
Labor 1.60 – Sewing a.B. 2"		3 60
Lunches 1 – Manton or C.J.B. 1.69		2 69
Car fair .20		20
Woolfe 5. Rent & Mar. 1 50.		55
Mrs Smith 5.		5
Office 1.25		1 25
		67 74

SUN. 18

MON. 19

Molly began Violin work again

TUES. 20 Robert not well so staid at home.

Lodge in ave.

WED. 21

Home at 3.
Cleaned Chicken Coop

THUR. 22

Molly up for Music lesson.

FRI. 23 Sprinkled all the morning.

SAT. 24

CASH ACCOUNT	Received	Paid
Water 2.05 Edwards 13.05		15 10
Lunches .75		75
War Books 1. Rep. Ins 35		1 35
Carfare 30 Lunches 35		65
Woolfe 14.50 - Fun 1.		15 50
Oil 20 Stamps 50		70
		34 05
San Diego Med. Soc.		2
Mrs. S. 5. Nolan & T. 10.		15
Labor 10. Lunches 25		10 25
Office 5. Bread 50		5 50
		32 75

SUN. 25

Mr. Stimson had service.

MON. 26

Aunt Le died yesterday.

TUES. 27

Agnes & Charles sick

WED. 28

Telegram from Harry Wells

THUR. 29

FRI. 30

No Telegram to-day.

SAT. 31

More favorable news from Cab.

Cash Account	Received	Paid
Int. Sav. Bk.		65
Hartwell 3.10 –		3 10
Mrs. S. 5. Labor 1.60		6 60
Lodge 1.05 – F. Broth.		1 05
Office 5.		5
		80 75

SUN. 1

No news to-day.

MON. 2

Good news in morning but later bad news.

TUES. 3 Agnes died at midnight. Charles at 4.30 A.M. Drove up town & to Annie Brooks.

WED. 4

Went up to see Mrs. Smith in afternoon drove home at noon.

THUR. 5

Up town.
Staid up all night

FRI. 6

Med. meeting in evening.

SAT. 7

CASH ACCOUNT	Received	Paid
Rep. Store .25 Union .75	1	
Hartwell .25		25
L.O.T.M. 1.50 - Book Med 5	6	50
Tel. 8.35 - Lunch .25	8	60
N. & Tibbals 3.25	3	25
Wash. Union	3	68
	23	29
Med 20 - Cello 30.	30	20
Rent D April 1.	50	
Lunches .75 Shoes 7.1.00	1	75
Wrangle 25. Gas 1.15	26	15
Lunches .50 Needle .25		75
Int Mrs. Hoffman	20	
Office 5.		
	133	85

SUN. 8

Read Service this afternoon

MON. 9

TUES. 10 Called to Roseville at 5.30 A.M. Awfully tired Bed early.

WED. 11

In bed.

THUR. 12

In bed until afternoon Up town in boat. Home again at 10 P.M.

FRI. 13

In bed.

SAT. 14

In bed. Mrs. Nutt died to-day.

CASH ACCOUNT	Received	Paid
Sing High - Washing		6 25
Nat. Union 5.20		5 20
W.C.T.U. 3.		3
Pension 5.		5
Lunches 1. Soap 6.		7
Sewing Mrs B.		75
		27 20
Wheelman .50 Labor 1.60		2 10
Bread 10 Molly Butter .10		20
Laundry .50 Office 5.		5 60
Hair 20 Lunch 5		5 20
		13 10

SUN. 15

Jubed - Fred took party to Church.

MON. 16

Jubed all day.

TUES. 17

Called on Mrs. Lile but lay down rest of day -

WED. 18

Up all day & felt tip-top

THUR. 19

Up town to-day. not at all well - Staid up town 'all' night. Bunquet S.A.R.

FRI. 20

Worked some to-day

SAT. 21

Drove up about 9 30
Molly home in afternoon
All went to Concert.

CASH ACCOUNT	Received	Paid
Easter		2 35
Bread 50 Premils .50		1
Reynolds. Molly 2.		22
Rob. 25		25
Water 1.75 - Woulfe 10.		11 85
Bal. Taxes 13. - Water 4.50		17 50
Lunches 30 Sale Son 25.		25 30
Poll Tax 2.		2
		$2 25
Oil 5.		5
Lunchs 1.50 - Banquet 2.		3 50
Tickets 2 25		2 25
Mrs. Smith shoes 1.50		1
Office		5
		16 75

SUN. 22 Home on Dewey
Mrs. Smith left for a vacation.

MON. 23

TUES. 24

WED. 25

THUR. 26
Up town to-day - Stayed up all night
C. G. Club -

FRI. 27 Rained
Robert home - Quarantine
Had rig to drive home

SAT. 28
At home all day.

CASH ACCOUNT	Received	Paid
church —		05
Lumber 1.40		1 40
Mrs. Smith		10
L.O.T.M. 7.75 Paulin		7 75
Lunch .40 Labor 1.60		2
Office .5. Bread .50		5 50
		26 70

SUN. 29 At home all day -
Fred took sail.

MON. 30 Hard headache &
at home all day
Fred went to Banquet
for Pres. Wheeler -

TUES. 1 MAY

Drove up. Started at 1 40
for Riverside
Reached Riverside at 7 P.M.

WED. 2

THUR. 3

Fred elected President
of S.C. Med. Soc.

FRI. 4 Rainy.
Home at noon -
Staid up all night

SAT. 5

CASH ACCOUNT	Received	Paid
Fred - Shirts .14 Laundry .75		89
Milk &c. .12 Washing .70		32
Fred Shoes &c. 5. Robert Suit 4.	9	
Meal ticket 3. Exp. .43	3	43
Tickets 12.60 - Book 5.00	13	10
Brush .15 - Wheel .25		40
Hotel 16.50 - Ins. 2.	18	50
Postals .25 Dinner 1.55	1	80
	33	70
Union .75 Fred. Shoes & tie 4.75	5	50
Molly Lace &c.	2	24
Shoeing 1.50	1	50
	9	24
Bread 1. Telegram 1.01	2	01
Concert .50 ~~Name~~ Sewing 2.50	3	
Messenger .15		15
Tel. 8.25	8	25
	13	41
Office 5.	5	

SUN. 6

Rested all day

MON. 7

Fred staid up to board meeting.

TUES. 8

Drove up Tuesday to see Mrs. Norton. Mostly drove horse home. Staid up all night

WED. 9

Tel. down so home at night.

THUR. 10 Rainy.

C. G. Club at night.

FRI. 11

Operation @ 10 A.M.
Church in eve. Christian

SAT. 12

Dance &c. at Roseville
All went home.
Stayed up all night.

CASH ACCOUNT	Received	Paid
Washing & Dale.		5 50
Household -		4
Woolfe 12.71		12 71
Frat 13. 1.05 - Hamilton 1.75		2 80
Gas 1.15 - Moah 1.39		2 54
Stamps .75 Med .40		1 15
Lumber 2.50		2 50
Rent to May 1.	50	
		81 20
Nat. Union 2.75		2 75
Lunch .85 - Paper .15		15
Wheelmen .50		50
Lunch .30 Labor 1.60		1 90
Int. Mrs. Jenner		6 25
" 1st Nat. Bk.		5
Kinston 12.18 Haley 4.60		16 78
So. Cal Prac - Book 2.50 1.50		4
Sun .75 Exchange .25		1
Earlabs .75 - Coffee .5.		5 75

SUN. 13 Sailed down at 11.
Place with no-
Drove up town at 8³⁰.

MON. 14

Drove home at night
7³⁰

TUES. 15

Tuesday Club.
Stayed up all night.

WED. 16

Telephone out of order
So stayed up all night.

THUR. 17

Home to-night by boat.

FRI. 18

SAT. 19

CASH ACCOUNT	Received	Paid
Mrs. S. 5.		5
Moulfu 10. Oil 6.		16
Volant J.		17 55
Book 1.50 - Washing .55		2 05
Wash 2.60 - Book Rdh .75		3 35
Lunch .75		75
		44 70
Edwards 10.20 - [illegible]		10 20
Rower for goods		7 50
Office 5.		5

SUN. 20 Fred had sick - headache -
Mr. Pitner preached.

MON. 21
Molly drove up.

TUES. 22

WED. 23
Headache in bed all day.

THUR. 24
C. G. Club.
Drove up in morning

FRI. 25
Stayed up all night

SAT. 26
Drove home at 6 P.M.
Fred still at Comm. work.

CASH ACCOUNT	Received	Paid
Paulsen Bal.		5 35
Woolfe.		8
Printing 2.50		2 50
Mrs. Lee Labor.		4 80
L. O. J. M.		1 50
		22 15
Lunches 1.50 Molly .50		2

SUN. 27 Fred sailed home with Graham & Capt. Humphrey Mrs. Smith up town

MON. 28

Molly down up
Fred & I up town all night.

TUES. 29

Robert stayed up to night & we went to Theatre.

WED. 30

Mrs. Putnam went down with me.
All home all day

THUR. 31

FRI. 1 JUNE

Fred had board meeting Med. Soc. in Eve.

SAT. 2

Cash Account	Received	Paid
Tickets 1.50 - Lunches 1.25		2 75
Robert Cuffs - &c.		35
Car-fare 2. Bread .50		2 50
		5 60
Papers 1. Parroth 1		2
Messenger .40 - Ingle .30		70
Topping 3.50 1.50 R. Spurs		5
Office 5 - Tel. 8 - Dings .95		10 95
		18 65

SUN. 3 Came up on launch at 8.30 – Down at 2.30 PM. Religious choir at same time

MON. 4

Drove up – & home about 6 P.M. –
Board meeting.

TUES. 5

Called to see baby just as boat went. Up all night. F.B. Lodge –

WED. 6 Robert drove buggy up for me. Home at noon.

THUR. 7

Both went home did not stay to C.G. Club.

FRI. 8

Tennis after return.

SAT. 9

CASH ACCOUNT	Received	Paid
S.A.R.'s Church .25		1 25
Wheelman .50		50
Mr. C.J.W.'s Exam .25		1 25
J.J. Briggs 12.50		12 50
Lunch 1.50		1 50
		17 00
I.O.J.M. 1.75		1 75
Labor 1.60 - Home 5.		6 60
Office 5.		5
		13 35

SUN. 10 Sailed up in morning. Mr. Graham down with us. at noon

MON. 11 Drove to Wedtown Fred up town all night Robert's eyes no better.

TUES. 12

Tuesday Club.

WED. 13 At home all day. had floors fixed. Fred took young folks to sail by moonlight.

THUR. 14

Tennis after return home.

FRI. 15

Tennis again. Moonlight sail.

SAT. 16

Fred. Molly & Robert went to dance

Cash Account	Received	Paid
Gas. .75 Garbage .75		1 50
Nat. Union		5 20
Sewing A. B. Molly		3
Washing to Date		5 50
		15 20
Qut. S. D. Sav. Bk		75
Molly .90 C. J. B. .55		1 45
Oil .10.		10
G. Stung's Dr. 7.		1 25
Water - Roseville		2 30
Mrs. Smith 5. Lunch .50		5 50
Bread .50 - Trap .05		55
Postage .75 Office 5.		5 75
		26 80

SUN. 17 Fred took party to Beach
Mr. Shaw & wife down
to-day.

MON. 18
Board meeting Fred
up all night.
Drove up. Rocky drove home

TUES. 19

Mr. Howells down in
evening.

WED. 20 At home all
day. worked in garden
Robert started to varnish
floors

THUR. 21

C. G. Club in evening

FRI. 22

SAT. 23
Went to dance.

CASH ACCOUNT	Received	Paid
Church		15
Oil & Brush		3 50
Lunch .40		40
Rent to June 1st		50
Hat. C.J. 2.50 Lunch .15		2 65
		56 70
Punch .50 for Harness -		50
Woolfe -		15
Lunch 1.50 - Robert Collar .15		1 65
Labor 1.60		1 60
Office 5.		5
		23 75

SUN. 24 Worked in garden
Fed went to sail -

MON. 25 Drove over to
back -
Fed at Board meeting

TUES. 26 Up on boat -
All home at night

WED. 27 Moved down stairs
to paint kitchen
Fed staid up to reception
at Flower -

THUR. 28 Came up at lunch.
Fed at Comm - meeting
L.O.T.M. white party
got booby prize -

FRI. 29

SAT. 30

CASH ACCOUNT	Received	Paid
Bread .50 - Malin 3.90		4 40
Bills Pay. A.H. Swart	2	
Berries .80 Suit C.J. .50		80
Towels .85 Linoleum 2.60	3	45
Lunches .60		60
Mrs. S. Shoes .75		75
Stamps 1 of	1	
Rep. Shoes R.H.	1	
Lunches	2	20
Book .25		25
	16	45
Note & Int. 1st Nat BK	202	
Exchange	1	
E. M. Reynolds	50	
Note 1st Nat. BK	500	

SUN. 1 Mr. Crabtree sailed down with Fred. We all sailed up with him

MON. 2

TUES. 3

At home all day.

WED. 4

Sailed to see races in St. Joseph. 17 of us.
Robert sailed Bubble.

THUR. 5

At home all day.

FRI. 6 Nicely done up.
& we stand at office all night ΔΙΧ party.
Fred & party went to Island

SAT. 7

Home about noon
Rested.

Cash Account	Received	Paid
Church		30
Nolan 11.15 - Delorey 1.50		12 65
Sun .25 Union .75		1.
Mulvey 1.20 Wheelm .50		1 70
		15 35
Dungo 1.95 - Fireworks &c. 1.70		3 65
Robert Cap. .25 Tel. 8.		8 25
Bread &c.		40
Molly Ribbon 2.13 Want .35		2 18
		14 48
Hudspun .05 - Ribbons &c. 3.05		3 10
Lunch 40+10 Carpet 3.45		3 95
Hay 1.25 - Brown .30		1 55
Labor 1.60 + 80		2 40
Paint trunk .20 Office .5		5 20
Sale & son.		7 40
		23 60

SUN. 8 S.S. at 2 - Home & worked - Fred home about 5.

MON. 9

Drove up. Fred drove home with me.

TUES. 10

Tuesday Club at house - Annie & Isabel down in morning.

WED. 11 Sailed up. Δ 1X gets fall came down - Called to town at 1.30 Burkes & Greeley down in eve

THUR. 12 Drove up - Annie Isabel & Fred in launch. Home on launch. Sabina & Fannie with me. Hall in eve

FRI. 13

Mrs. Collins party to night at hall -

SAT. 14

Cash Account	Received	Paid
Wm Wood & Co.		8
F. A. Hardy 10.52 3.75 Cal. Oph		14 25
Ex.20 - Comm. 7.95		8 10
106 Linda V. Bonds 318		
Household		1 50
Molly D I X Cal. D Sept 1.		2 75
Carfare .50 J. Buggs		12 50
Dress protectors		80
		47 90

SUN. 15 S.S. & sail afterwards
Read Thoburn to crowd.

MON. 16 Drove up town in
morning. Home at 7.

TUES. 17

Busy at home all day

WED. 18

Up town. Ida O'Bannon
married at 12.
Molly at Stella Hutchings
& Cap for Eunomistas —

THUR. 19 Fishing trip with Mrs Collins
Mrs Weston Nivens &
Smith Home at noon

FRI. 20 Up town all day.

SAT. 21 Fred took party of men
to sail in A.M. Mr. Graham
Dr. Doig - Mr. Greely & his mother
to dinner - Boys went out
for fishing trip at 7 P.M. —

CASH ACCOUNT	Received	Paid
Ferry Mr. H. 16. / Labor Mrs. " 3.		19
Rent to July 1.		50
Oil. 5.50 - Robt. 1.25		6 75
Lunch .60 - Edwards 23.		23 60
Int. Mrs. H.		20
Washing to date		7
Ophthal. Rec. Ex 15		3 15
Postage 1. Water 2.40		3 40
Dentist 12.		12
Cash. Monday		1
		145 90

Robert left about 10 a.m.

SUN. 22 Drove up town.

Visited with Mrs. Beasley in afternoon - Boys home at 4 30

MON. 23

TUES. 24

WED. 25

THUR. 26

Mollie & Robert both home

FRI. 27

SAT. 28

Cash Account	Received	Paid
~~Dr. Read~~		~~12~~
Robert 2. Lunches 1.25		3 25
Home .45 Carfair .30		75
Woolfe 16.75		16 75
Wants "C"		1 05
Shirts &c. Fred		3
Lunches .25		25
Mrs. Smith		5
		30 05

SUN. 29 Mr. Watson preached to-day. Sailed up with him.

MON. 30

~~Sail~~ Up town —

TUES. 31

WED. 1 AUGUST

THUR. 2

FRI. 3

SAT. 4

CASH ACCOUNT	Received	Paid
Church		35
Mertzman.	20	50
Union .75 Mulvey .95	1	70
Fuller 2.30 Crocker .30	2	60
Ingle 2.25 - Shields .80	3	05
	7	35
1st Nat Bk.	200	
Robert Shirts 3.00	3	
Fred Stockings		25
Homehood	2	10
Nolan & G. 10. Sim 25	10	25
Shirts F. 2.	2	
	17	60

SUN. 5 S.S. Molly &
Dorothy went to dine

MON. 6 Sick in bed all day
All but Molly went to
town. Mrs. Smith not
home. Long folks up in Eve.

TUES. 7 Party went fishing
Molly & Belle Jennings along.
Housework all day Mrs.
S. home at 5.

WED. 8 Up town all day.

THUR. 9 See Mon. 6.
Fred took party fishing.

FRI. 10 Lawn Fête in Eve.
Molly & Rob. both went. Fred
on fishing trip.
I staid up town all night

SAT. 11 Called to case early.
Drove home about
5. Mr. Smith, Jean, & Mr.
Graham & Stella H. down
Fred & party off for fishing

CASH ACCOUNT	Received	Paid
S. S.		20
Telephone 8.		8
Wheelmin .50 Gas .50		1
Marston 10. House .50		10 50
Robert for Fête 2.85		2
Office goods 2.85 Freight		5 70
Molly hair .50 - Garbage .75		1 25
Insurance 7.		6 25
Marston Ex. 10. - Office 2.50		12 50
Communion 4.		4
Sewing.		6
		38 20

SUN. 12 Drove up town in cart. Never again!

MON. 13 Drove up in buggy. Dined with Dr. G. at 5 P.M. so supper up town & home late.

TUES. 14 Molly & I drove up in buggy: Home in Mr. Rogers rig. at 10 P.M.

WED. 15

Up town - Molly up on horse back.

THUR. 16

FRI. 17

SAT. 18

CASH ACCOUNT	Received	Paid
Mrs. Smith	5	
Drugs .40 - C.O. Pierce .7		7 40
L.O.T.M.	2	
Groceries .10 Lunches 1.50		11 50
Drugs .45 Sewing A.B. .60		10 5
Connection .50		50
Shoes Robert 1.50		1 50
Lunch .50 Carfare .25		75
Labor 4.80 - Washing .5		9 80
Bread .50 Lunch .40		90
Photos. Molly .50		50
Lunch 1.50 Carfare .20		1 70
Home 2.75		2 75
		45 35

SUN. 19

Drove up town at 4 & called up again at 6 30

MON. 20 Robert up town to-day

TUES. 21

WED. 22

THUR. 23

FRI. 24

SAT. 25

CASH ACCOUNT	Received	Paid
Home 1.05 Chandler 5		6 05
Cash Molly 1. Shight 1.75 7.		2 75
Robert Commission		3 50
Reynolds 50. Sq. 10		50 10
		62 40
Molly Goods for Coal		25
Rent & Water		50 60
Water Roseville		1 20
Sat. Eve. Post.		70
Office to date		2 00
Express. 25		25
Mrs. Lemen Lab.		6 20
Drugs 3.50		3 50
		65 00

SUN. 26 Funeral Service in afternoon

MON. 27 Planned work in hall for wedding.

TUES. 28 Up town early.

WED. 29 Baby born at 1 30. Back to office at 9 a.m.

Mrs. Mbum

THUR. 30

FRI. 31

SAT. 1 SEPTEMBER

CASH ACCOUNT	Received	Paid
Inn Smith		10
Lunch .50		.50
Sewing Mrs. H. (monthly)		3
Tickets 1.		
		13 50
Ida 5. Home 2.25		7 25

SUN. 2
Sailed with Fred.

MON. 3
Up town -

TUES. 4

WED. 5
Called on Stella Hewing
feared appendicitis

THUR. 6 At home. Stella
better.

FRI. 7 Stella not as
well Took Magn in
consultation - Appendicitis
mild. Staid up all night

SAT. 8 Up town quite
night. Stella better

CASH ACCOUNT	Received	Paid
Tel. 8. E.O. Rogers 12.		20
Union .75 - Oil 11		11 75
Drugs. 3.15 - Silk .05		3 20
Gas .50 Express .35		85
		35 80
Mr. Sweet. on note		2
J. Briggs Int.		12 50
Wheelmen .50		50
Int S.D. Sav.		75
Launch .50 Postage .50		1
Lunches .70		70
Hartwell 2.90		2 90
Office 5. Cards .60		5 60
Carfare .50		50
		88 20

SUN. 9 Up town to-day.
S.S. in afternoon.
Moonlight sail or drift

MON. 10 Up town in St. Joseph.
Calls. Went to La Jolla
to call on Dr. Johnson.

TUES. 11 Drove up - Mrs.
Phillips with me.
Mrs Lu Jennings in Eve.
Cow died.

WED. 12 Drove up - Mrs Phillips
Mrs Weston with us.
Buckboard home to-day

THUR. 13 St. Pauls Picnic
to-day.

FRI. 14 Drove around
by old town.

SAT. 15

CASH ACCOUNT	Received	Paid
S.S.		10
Lunches .75 Cap. Fed .50		1 25
" .15 Office S.		5 15
Bone Crusher	3	
Ins. Nat. Union		5 20
Cal. Opt. 3.85		3 85
		15 55

SUN. 16 S.S. but no church

MON. 17

TUES. 18

WED. 19

THUR. 20 Molly 17 - to-day -

Stand up town all night
Fred with me.

FRI. 21 Launch Evangel
began to run to-day.
Operation at 9 A.M.

SAT. 22
Dance at our house
to-night.

CASH ACCOUNT	Received	Paid
Woulfe 10. Egg food .30		10 30
Stamps .50 –		50
Washing to date		7
Present. 3. Lunches 31.25		6 25
Rent. 20.		20
Water 1.55 – Charity .45		2 00
Cash Mody.		1
Labor Cap. Eaden		2
Lunches 1. Carfare 1.50		2 50
		51 55

SUN. 23 Sailed up at 11 -
Home at 1.20 Mr. McCausland
preached -

MON. 24 Drove up to-day -

Molly & I up all night

TUES. 25 Called to Mrs. Weston
at 6 a.m. -

up all night.

WED. 26

THUR. 27

FRI. 28 Began Milk to-day.
1 qt. per day 1 pt. Sat

SAT. 29 Took Mrs. Barclay
over at night.

CASH ACCOUNT	Received	Paid
S.S.		30
Labor 1.60 –		1 60
Rent.		30
Fruit 25 Lunchs 45		70
Molly. 50 Woulfe 12.		12 50
Manton Ex. 9.07 R. 15.93 } 25.00		25
Mrs. Smith		5
Household 2.75		2 75
		77 35

SUN. 30 Led S.S. for Mr. Dixon.

MON. 1 OCTOBER

TUES. 2

WED. 3

THUR. 4

FRI. 5

SAT. 6 Gentlemen from Pacific Beach all dance in evening.

Cash Account	Received	Paid
Wheelmen .50		50
Delorey 1.50 Union .75	2	25
McAuliff 3.50 Pants 1.50 7	5	
Topping .50 – Meat 10.	10	50
Schwalman	20	
Mulvey 4.60	4	60
Nolan & J.	5	90
Boat to Roseville	5	
Ingle –	1	20
Schultheis	2	75
Tel. 8. 5th Ave. 1.	9	
Lunches .55 Stamps .18		73
	57	43
Lunches 2.	2	
Bandages 1.59 – Hill 2.15	3	74
Alm. 1. V.C. 1. Acct. Bk. 1.	3	
Ac. Sereno 3. Ex. .35	3	35
Marquardt 1.50 – Deed bc. 11.00	12	50
Gas .50 Office 5.	5	50
Stamps .50		50
Nectie .50		50
Labor Capt Eden	3[illegible]	09

SUN. 7 Sailed for Mr. Kittiley
Home quite late.

MON. 8 Mrs. Barclay a little
better - Drove up at 10.
Drove home & right
back to Mrs. Flint.

TUES. 9 Busy all day.
Drove home & called
on Mrs. Flint at night
Robert sick at office all day.

WED. 10 At home all day.
Cleaned house.
F.B. down in evening
all had good time.

THUR. 11 Mrs. Barclay drove home
to-day.
Molly staid up all night
with us. C. G. Club.

FRI. 12 Busy all day.
At Court with Mrs. Hutton
Drove home at 6.
Fed up town.

SAT. 13

CASH ACCOUNT	Received	Paid
S.S.		10
Lunch! L.O.T.M. 2.	3	
Plates .35 - Napkins .15		50
Nolan & J. 5.	5	
Nat. Union	5	20
Cake .45 Store Polish .10		55
Tennis balls	1	
	15	35
Mrs. Lee	4	80
Lunches 2.50 - Woolfe 10.	12	50
Tennis tail .50 - Shampoo .50	1	
Dr. Hoffman	20	
Office 5. Water!	6	
Lunches .25		25
	44	55

SUN. 14 In bed until noon.
S.S. & Church -

~~Mon.~~ S.
MON. 15 Drove up - calls
on the way home -
Fred staid up town.

TUES. 16 Up on boat -.
Not feeling well - so did
not stay up -
Tuesday Club.

WED. 17
In bed all day -

THUR. 18 Up town - Busy
all day.

FRI. 19 Fred drove up -
Mrs. Smith up town on boat -
Telephoned she was going
to Terrace. Party in are.
Mrs. Ley with Stella - Rob - at Isabels.

SAT. 20

CASH ACCOUNT	Received	Paid
S.S. to.		25
Gomes for Buggy		23 50
Express 1.10		1 10
Lime .85		85
Week Coach —		2 00
Effie 5		5
		32 70

SUN. 21

Mr. Crabtree came down to-day. Sailed up.

MON. 22

TUES. 23

WED. 24

THUR. 25

College Graduate Club. Took Mrs. Barclay to County Map.

FRI. 26

Molly had to J.X. down in auto.

SAT. 27 At work all day. At hall in evening.

Cash Account	Received	Paid
Bread - .50 Postage .50		1
Paint		1 25
Washing —		7
Mrs. Rogers - (Dec 6mo) 300.		
Collars Robert .25		25
Lunches 1.00 / Homework 1.00		2 00
Robert Suit	10	
Silk for Molly		10
Postage		25
Expo .15 - Party 1.50 (Molly)		1 65
Mrs. H. - Sewing		4 00
Coffee .5.		5
		33 50

SUN. 28 At home -
S.S. in afternoon -
Sailed Ethel Stone up.

MON. 29 At home & worked
all day. Mrs. Dorn
came at night.
Cabral baby born - at 1 35
A.M.

TUES. 30 At home - Showed
Mrs. Dorn about home.
Up town at 2 P.M.
County Hosp. on way.

WED. 31 Began to take Butter
of Weston - to-day 3 lbs. per wk.
In town all day

THUR. 1 NOVEMBER
In bed until noon.
Sewed a little after
dinner

FRI. 2
At home all day.

SAT. 3

Cash Account	Received	Paid
S.S.		05
E. W. Reynolds	30	
House 1. ~~Roseville~~	1	
Launch 5.	5	
Woulfe -	25	
Book	1	
Kniston & Root	25	
Sale & Son -	8	
McK. F. & W.	31	
	126	05
E. J. Delony	1	50
Fuller & Co.		80
Ironwood 75 Boyd 45	1	20
Tofping 1.75	1	75
Launch - 5. Mulvey 3.05	8	05
Ingle 1. F. Naumann 6.25	7	25
Mrs. Smith 95.		
Hutchinson 5.	100	
	120	55

SUN. 4

Mr. Shaw down to-day
Sailed up with him.

MON. 5

TUES. 6

Election day
Home all day

WED. 7

THUR. 8

FRI. 9 Bachelors party -
Stella Hutching & Hoffman
down all night.

SAT. 10

Cash Account	Received	Paid
Gas 1. Oil 10.		11
Hauling		2
Nolan & Libbal		5
Water - Excel. Co.		9 31
~~Paper~~ - C. J. B.		4 50
Milk 9. Tel. 8		17
		48 81
Rent to Nov. 1		50
Water 2.80		2 80
House 2.55. Postage .58		3 13
Labor .75 Lunches .40		1 15
Water 1. Bread .05		1 05
Hat 3. Wigs 1.		4
Office ~~2.5~~ Dom 5		10
		72 13

SUN. 11 Fred & crowd went to H.S.S. Iowa. S. S. in afternoon

MON. 12 Cabral drove buggy up. " sailed South to-day. Molly up town Fred up town.

TUES. 13 Robert staid up with us to-night. Tuesday Club & Lodge.

WED. 14 Home on early boat. Mote & sewed.

THUR. 15 Drove round by Hospital. Mrs. Barclay worse. Operated on her in afternoon. Died at 8 P. M. Stella & I went to Theatre.

FRI. 16 Fred went sailing in eve. At home in evening Rain!!

SAT. 17 Up town.

Mrs. Barclay funeral in afternoon.

Cash Account	Received	Paid
Robert. Merkin 25 Book 25		50
Carfare 05 Chalk 25		30
Magazine	1	
Lunch 1.70 – Stearns 3.	~~4~~	70
Book – Dr. 7.	2	
C. of C.	1	
Taxes – City	13	25
Office 5.	5	
	27	75

SUN. 18 Cloudy - Molly & I in bed until 11. Fred went to sail in morning. S.S.

MON. 19 Rained in night -

TUES. 20

WED. 21

THUR. 22

C.G. Club did not meet on account of rain -
All stay home.

FRI. 23

SAT. 24

Played whist at the Lions in evening.

CASH ACCOUNT	Received	Paid
S.S.		10
Lunches &c. 3.10 Stove	2 50	3 10
Cotton &c. .10 - Bidlik. 15		25
Car-fare .20		20
Shears .85 C.J. Dress 1.40		2 25
Sing High -		5 75
Edwards		4 75
		18 40
Book Club		2 70
Lunches		50
Stamps		50
Rods .30 Labor .75		1 05
Taxes		29 51
Hooks .05 Tickets 2.25		2 30
Lunches 1.75		1 75
		39 31

SUN. 25

Rested — S.S in afternoon
Sail after Church —

MON. 26

TUES. 27

Opera in evening. Molly
staid up & went with
us.

WED. 28

Tooth began to ache at
night.

THUR. 29

Thanksgiving. Sailed &
had tooth ache.

FRI. 30 Came up on launch
Dentist at 12 — Tooth out!
Mean all rest of day —
Stayed up town at night.

SAT. 1 DECEMBER

Busy all day. Stella sick
not at office —
Sailed home in St. Joseph —
Bed early. Rest to dance

Cash Account	Received	Paid
Matoh 6. Lunchs 1.		7
Baker Bros.		5 70
Molly 1.50 - Lunchs .75		
Potatoes 1.50 Drug .50		2
Stamps .50		50

SUN. 2 Breakfast in bed – Fred sailed for minister at 11. Calm S.S. + church. (Mr McCausland) Sailed up with Fred home 8.30

MON. 3 Came up in launch. At office all day. Up town at night. Wrote letters.

TUES. 4

WED. 5

THUR. 6

FRI. 7

SAT. 8

CASH ACCOUNT	Received	Paid
SS Church		35
Eagle 50 Union 75		1 25
Lie 50 - Chain 50 (C.J.)		1
Household -		1 90
Mick		4 75
Lunches 1.50 - Tickets 2.25		3 75
Car-fare 50		50
Mirror 1.50 Labor 90		1 90
C.J. Buttons 20 home 10		30
		15 70
Office 5		

SUN. 9

MON. 10

TUES. 11

WED. 12

THUR. 13

FRI. 14

SAT. 15

CASH ACCOUNT	Received	Paid
Insurance 7.B.		6 25
Wheelmen 55		55
Stamps 1.		1
Lunchs 48 Drugs ~~40~~		88
Interest 20. S.D. Sav.	25	
Woolfe 10.	10	
Interest J. Briggs	12 50	
Parrott 2.50 Noland 7.5	7 50	
Water	1	
Launch	5	
	69 28	
Kindling .50 Labor .75		1 25
Xmas 1.20		1 20
Wax 1.20 Xmas 70		1 99
Drugs .05		55
Xmas. 2.95		2 95
		8 25

SUN. 16

MON. 17

TUES. 18

WED. 19

THUR. 20

FRI. 21

SAT. 22

CASH ACCOUNT	Received	Paid
Movie 1.40 - Tickets .85		2 25
Rep. Capo 3.50 (C) Stamp .30		3 80
Lunch .60		60
Home		1 00
Labor .70 - Milk 5.40		6 15
Linda Vista Taxes		1 33
		15 18

SUN. 23

S.S. & Church -

MON. 24

Xmas. tree in evening.

TUES. 25

Church. Moody - Rob. & I

WED. 26

S.S. Festival in evening

THUR. 27

FRI. 28

Molly had party in evening.

SAT. 29

CASH ACCOUNT	Received	Paid
Xmas - Home 6.25 1.00		7 25
Donald shoes .50		50
Stuhlmann		5
Journal Club		6 80
Xmas.		9 55
		29 10
Mending Shoes 2. .50		50
Launch.		5
Launch .60		60
Hay	15	
Labor .75 - Bubble 1.25		2
		8 10

SUN. 30 Fred called up in night - Sailed the minister down - Mr. Hirck

MON. 31

At home with obstet. Dance in evening.

CASH ACCOUNT	Received	Paid
Church		15
Hardware 5		5

SUMMARY			Received		Paid	
Cash on hand Jan. 1, 1900						
JANUARY	Week ending	6th				
"		13				
"	"	20				
"	"	27				
FEBRUARY	"	3				
"	"	10				
"	"	17				
"	"	24				
MARCH	"	3				
"	"	10				
"	"	7				
"	"	24				
"	"	31				
APRIL	"	7				
"	"	14				
"	"	21				
"	"	28				
MAY	"	5				
"	"	12				
"	"	19				
"	"	26				
JUNE	"	2				
"	"	9				
"	"	16				
"	"	23				
"	"	30				

SUMMARY			Received		Paid	
JULY	Week ending	7th				
"	"	14				
"	"	21				
"	"	28				
AUGUST	"	4				
"	"	11				
"	"	18				
"	"	25				
SEPTEMBER	"	1				
"	"	8				
"	"	15				
"	"	22				
"	"	29				
OCTOBER	"	6				
"	"	13				
"	"	20				
"	"	27				
NOVEMBER	"	3				
"	"	10				
"	"	17				
"	"	24				
DECEMBER	"	1				
"	"	8				
"	"	15				
"	"	22				
"	"	29				

Butter

MEMORANDA

Oct. 31	to	Nov 4	=	2 lbs.
Nov. 4	"	" 19	=	2 "
" 19	"	" 25	=	6 "
" 25	"	Dec 2	=	4 "
Dec. 2	"	" 16	=	8 "
16	"	" 26	=	4 "
26	"	Jan 1	=	2 "
				28 "

Mick

MEMORANDA

Began

Sept. 28 — 5 1/2 qts per wk.

12 wks to Dec. 21 = 90 qts

13 qts for 1 = 6 12/13

1 doz eggs =

Dec. 21 - Dec. 28 = 2 qts

MEMORANDA

Engagements

Name	Residence

Date	A. M.	P. M.

Name	Residence

Name	Residence

Date	Drawers	Time
	Estate - C - Wills	
April 27.	Rec.	50.
May 11.	W. W. Whitson	50.
" 19	Rec.	50.
" 25	Marston	6.05
June 26	Soap 25 - Gold Dust Oil - Sapolio	C. E. May Newspaper
July 12 -	Telegram	1.
Aug 1.		100 - 57.05
	Bal.	42.95
	Express .46	~~.46~~
	Telegram 1.	
	Truck Co. 13.81	
		15.27 - 42.95
		27.68
		42.95 - 42.95
Sept 11.	150	27.68
		.50
		27.18
	Express &c. 1.	1.
		26.18.
	Sent Oct. 26	

RECEIVABLE

No.	Where Payable	Due	Amount
	Domingos		
	June 25 - Pick sharpened.		
	July 23 - 2 shoes 7 ig.		

Date	To whom given	Time
C. E. May.	Grocer.	
May. 22	Sugar	2.
" 25	Flour	1. 15
June 18	Sugar	1.
" 26	Soap. Gold dust Lee Sapolio	
Aug 13	— Flour } Sugar }	1. 15 2

PAYABLE

No.	Where Payable	When Due	Amount

MEMORANDA

Calendar for 1901.

1901	SUNDAY.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
JAN.	..	.	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
FEB.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	..	..
MARCH.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31	..	..	..	..	..	..
APRIL.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	..	..	..	..
MAY	..	..	..	1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	..
	..	..	..	..	..	..	1
JUNE.	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	.	..	..	..	.	..

1901	SUNDAY.	MONDAY.	TUESDAY	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
JULY.	..	1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	..	..	..
AUG.	..	..	..	..	1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
	..	..	..	..	..	..	..
SEPT.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	..	..	..	..	..
	..	..	..	..	..	..	..
OCT.	..	..	1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31	..	..
NOV.	..	..	..	..	..	1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	..	..	..	..	..	..	..
DEC.	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31	..	..	..	..

.22
30
660

91
78
12
13